



Japan Display Inc.

JAMA Sheet User's Manual

2021/6/1 (Ver.1.4)

<Added on June 1, 2021> (Ver. 1.4)

From October 2020, the "JAMA Sheet" has been changed to "JAPIA Sheet".

There is no change in the basic usage.

The content of this manual is the same as Ver.1.3 issued in November 2017.

Please read the wording of "JAMA sheet" in the document as "JAPIA sheet".

However, there are some differences such as item names, chemical substance names, and operation guarantee environment. For details, please see the JAPIA (Japan Auto Parts Industries Association) website below. You can download various materials (manuals, JAPIA sheets, etc.) from the bottom of the screen.

<https://www.japia.or.jp/work/kankyou/japiasheet/> (Japanese)

<https://www.japia.or.jp/en/activities/environment/japiasheet/> (English)

1. What is the JAMA sheet?
2. Display image for JAMA sheet and content overview
3. JAMA Sheet entries
4. JAMA Sheet preparation
5. Notes on filling in JAMA sheet
6. JDI-Specific requirements in JAMA sheet

1. **What is the JAMA sheet?**
2. Display image for JAMA sheet and content overview
3. JAMA Sheet entries
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6. JDI-Specific requirements in JAMA sheet



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1. What is the JAMA sheet? <Differences in answering formats>



□ Features of the JAMA sheet

Format (Full name)	JAMA (JAMA/JAPIA Standard Material Data Sheet)	IMDS (International Material Data System)	AIS (Article Information Sheet)	JGPSSI (Green Procurement Survey Standardization Initiative)	Customer-specific
Sponsor organization(s)	Japan Automobile Manufacturers Association (JAMA) Japan Auto Parts Industries Association (JAPIA)	World's automobile manufacturers	Joint Article Management Promotion-consortium (JAMP)	Japan-based electric/electronic device businesses	Individual customers
Formal characteristics	Original format; same content as in IMDS	Format common to world's on-board device manufacturers	Original format; spreading to other countries	Original format	Customer-specific
Content characteristics	All components	All components	Controlled substances (*) only (*) Substances controlled by JAMP	Controlled substances (*) only (*) 100-150 Substances	Depending on the individual customers
Input method	Excel	Directly on Web	Excel	Excel	Depending on the individual customers
Substance database referenced	GADSL (More than 1000 substances) * Global Automotive Declarable Substance List	GADSL (More than 1000 substances) * Global Automotive Declarable Substance List	Substances controlled by JAMP (More than 1000 substances)	None * Contents specified for each controlled substance	Depending on the individual customers
Language	Japanese, English, Chinese (simplified)	Japanese, English, German	Japanese, English, Chinese (simplified)	Japanese, English, Chinese (simplified)	Depending on the individual customers

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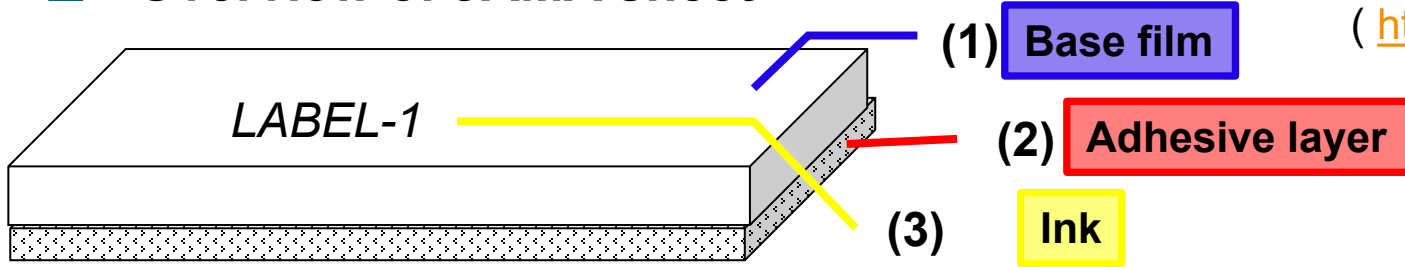
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2. Display image for JAMA sheet and content overview

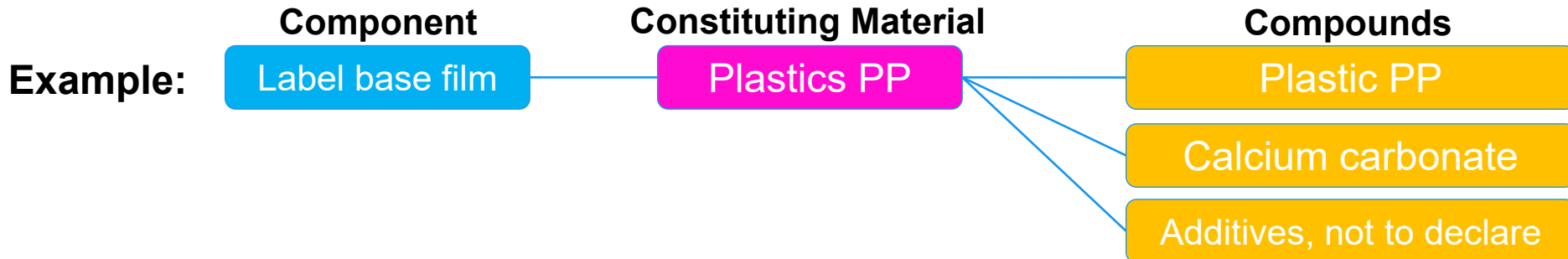
Overview of JAMA sheet

Source: JAPIA Document, Data Input Sample (Case 7: Labels)

(<http://www.japia.or.jp/datasheet/>)



納入部品											化合物							
連番	納入部品番号	納入部品名称	納入部 品質量 [g/部 品]	構 成 番 号	構成部品 名称	質量A [g/個]	構 成 部 品	構成材料名称	材料質 量 [g/構 成部]	材料規格	材料 コード (金属・ 樹脂・ゴム 子その他)	材料記号 (樹脂・ゴム)	VDA 材料 分類 コード	含有 数 率	エ レ メ ン ト	化合物コード	化合物名称	化合 物 含有 率
1	LB335501	Sample LABEL			Label base film	0.25	1	Plastics PP (Filled)	0.25	ISO1043		PP-KD20	5.1a	1	-		Plastic: PP	7
2	LB335501	Sample LABEL		(1)	Label base film		1	Plastics PP (Filled)		ISO1043		PP-KD20	5.1a	2		471-34-1	Calcium-carbonate	2
3	LB335501	Sample LABEL			Label base film		1	Plastics PP (Filled)		ISO1043		PP-KD20	5.1a			system	Additives, not to declare	3
4	LB335501	Sample LABEL			Label adhesive layer	0.01	1	Adhesive PAK	0.01	ISO1043	PAK		6.2	1	-		Basic Polymer: PAK	9
5	LB335501	Sample LABEL		(2)	Label adhesive layer		1	Adhesive PAK		ISO1043	PAK		6.2	2	1	108-05-4	Acetic acid ethenyl ester	0.0
6	LB335501	Sample LABEL			Label adhesive layer		1	Adhesive PAK		ISO1043	PAK		6.2			system	Additives, not to declare	2.9
7	LB335501	Sample LABEL			Label ink	0.01	1	Ink	0.01	JAMAA4444	INK		6.1	1			Polystyrene	3
8	LB335501	Sample LABEL			Label ink		1	Ink		JAMAA4444	INK		6.1	2		147-14-8	Cu-Phthalocyanin	1
9	LB335501	Sample LABEL		(3)	Label ink		1	Ink		JAMAA4444	INK		6.1	3		25053-15-0	Allyl phthalate, homopolymer	1
10	LB335501	Sample LABEL			Label ink		1	Ink		JAMAA4444	INK		6.1	4		5102-83-0	CI. Pigment Yellow 13	1
11	LB335501	Sample LABEL			Label ink		1	Ink		JAMAA4444	INK		6.1	5	1	71868-10-5	2-Methoxypropyl acetate	5
12	LB335501	Sample LABEL			Label ink		1	Ink		JAMAA4444	INK		6.1			system	Misc, not to declare	7



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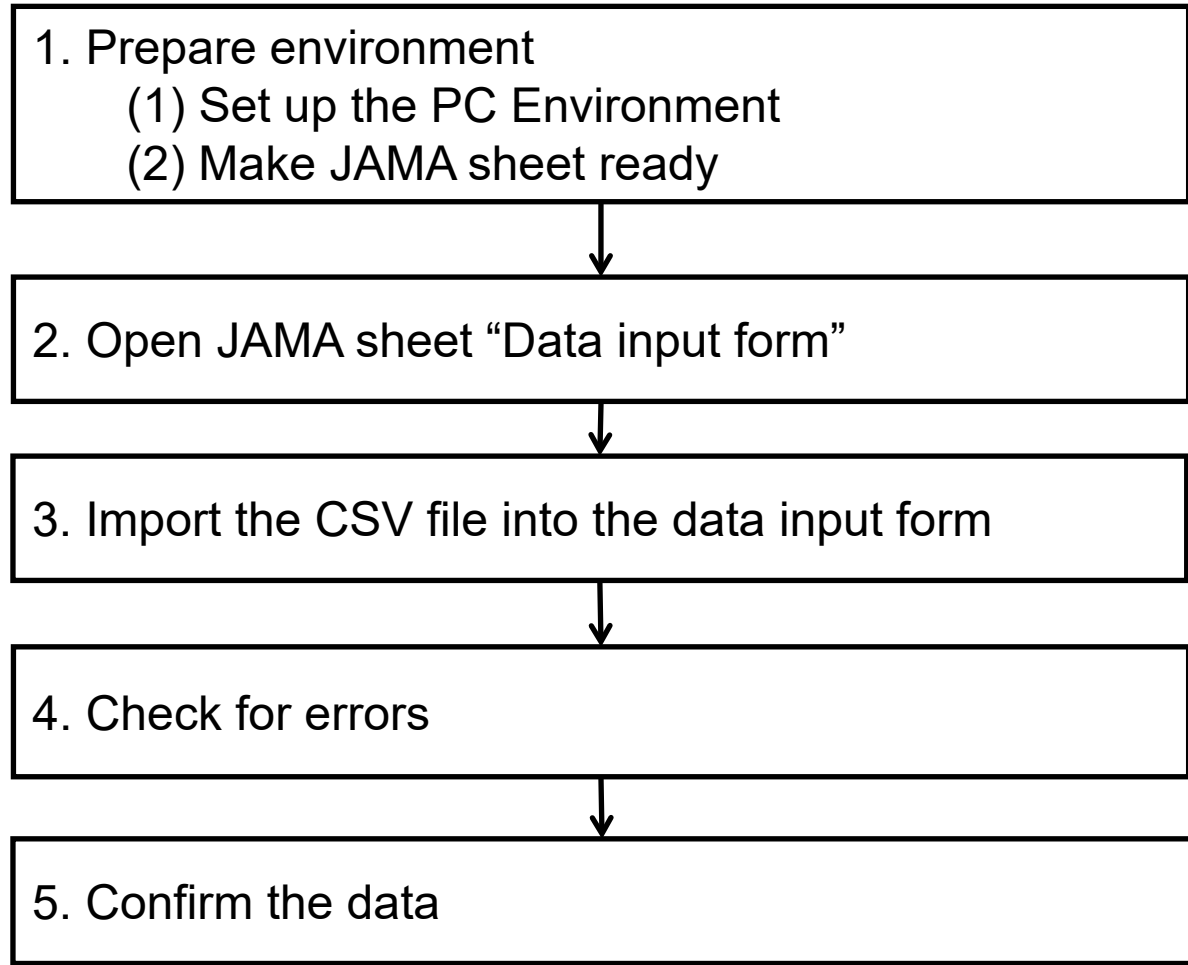


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□ How to confirm JAMA sheet contents

Procedure to confirm JAMA sheet contents



□ PC environment for viewing the JAMA sheet

1. Prepare environment

(1) Set up PC environment

Operating environment where the JAMA sheet ver2.50 has been evaluated are below.

- Windows 7 SP1 (32bit) + Excel2013 (32bit)
- Windows 10 (64bit) + Excel2016 (64bit)

For details, refer to:

Manuals are available at the URLs below at the JAPIA Website

- * Japanese: <http://www.japia.or.jp/datasheet/> - provides all the documents related to JAMA sheet
- * English: <http://www.japia.or.jp/english/datasheet.html> - provides documents in English related to JAMA sheet

How to download JAMA sheet












(2) Getting JAMA sheet ready

- Download the files.

Download the latest version of the JAMA/JAPIA Standard Material Data Sheet (Data Input Form and External List) from the site indicated below, as necessary.

URL: <http://www.japia.or.jp/english/datasheet.html>

*** Use the Data Input Form and External List of the same version for the same language.**

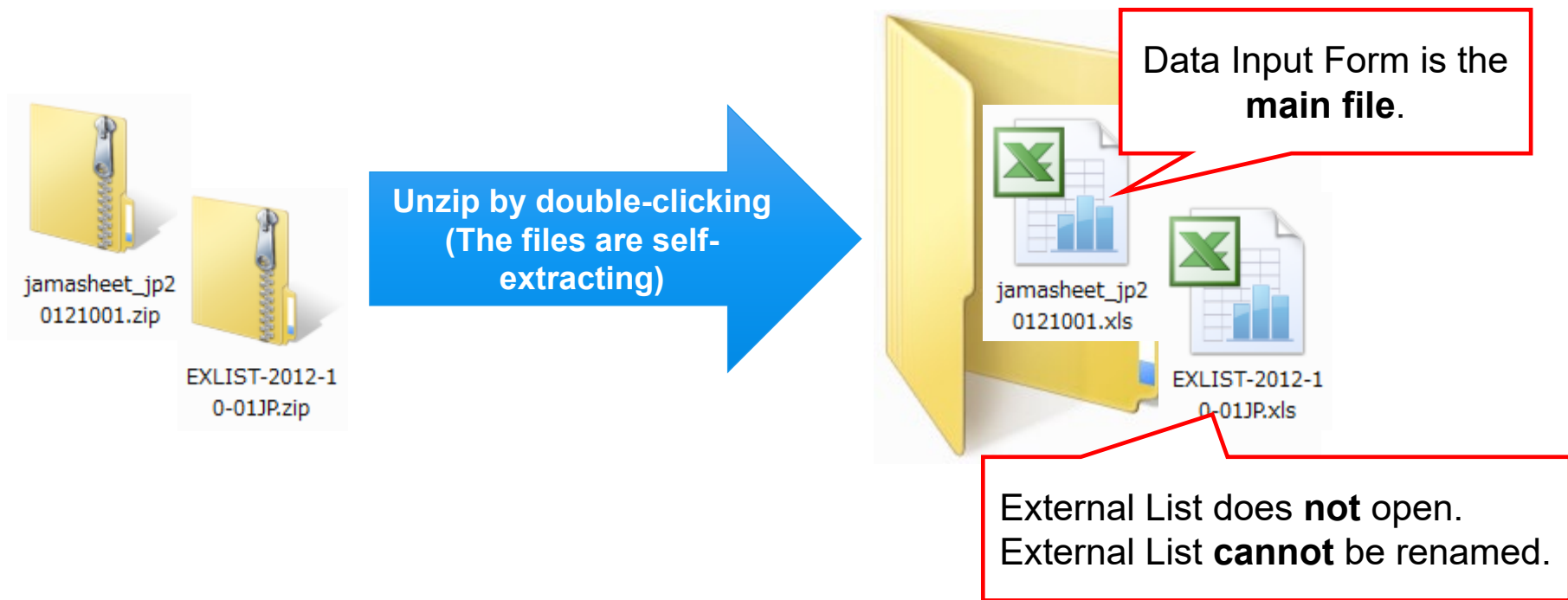
No	Document name	Download	Format	Version	Updated on	Size (MB)
(1)	JAMA/JAPIA Standard Material Datasheet (Data input form)	Download		2.17	2012/10/01	0.0
(2)	JAMA/JAPIA Standard Material Datasheet (External file)	Download		2.17	2012/10/01	9.2
(3)	JAMA/JAPIA Standard Material Datasheet external file : Abstract	Download		2.17	2012/10/01	0.9
(5)	JAMA/JAPIA Standard Material Datasheet Instruction	Download		2.17	2012/10/01	1.0
(6)	Data input sample	Download		2.16	2012/06/01	0.6
(7)	Q&A	Download		2.17	2012/10/01	0.1
(8)	Application for addition to the external file	Download		-	2010/06/01	0.1
(10)	Explanation of Material List	Download		2.17	2012/10/01	0.2
(11)	Explanation of Standard Material data	Download		2.16	2012/06/01	0.3
(12)	VDA Classification	Download		-	2011/06/01	0.1
(13)	Summary of JAMA/JAPIA Standard Material Datasheet version upgrade (Ver2.14)	Download		2.17	2012/10/01	0.2

(1) Download the Data Input Form

(2) Download the External file

□ How to save the downloaded JAMA sheet

- Unzip the downloaded .zip files. Save the JAMA/JAPIA standard material data sheet (Data Input Form and External List) in the same folder.



□ Compatibility with earlier versions

(1) External List

INCOMPATIBLE:

Always use the same version for the same language as the Data Input Form.
Error check or select input will not work properly in the earlier versions of the External List.

(2) CSV File

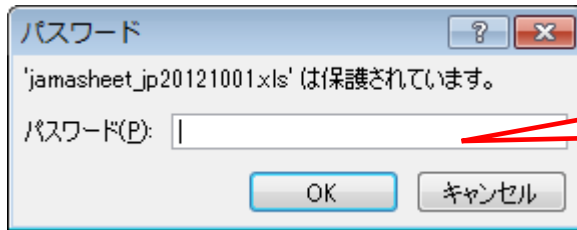
COMPATIBLE.

CSV files prepared in an earlier version can be imported.
However, some parts may be in error due to the revision of the External List,
necessitating correction of data.

- ❑ A password is required to open the JAMA Sheet.

2. Open the Data Input Form

Enter your password.



Your password will be sent separately.

Important!

- The password consists of one-byte alphanumeric characters and is case-sensitive.
- Your password is valid until the next revision of the JAMA sheet. The password may be reset upon revision of the JAMA sheet. Please contact JDI as necessary.
- Use the password only for investigating your supply chain. Be sure not to disclose your password to any third party.

□ Macro setting for opening the JAMA sheet

After entering the password to start the JAMA sheet, if the following “message bar” in relation to the behavior of Excel macro is not displayed, it is recommended to setup Excel appropriately in the following way (The screen shot is Excel 2010).



(1) Setup the ‘Disable Trusted Documents’ first.

1. Click “File” → 2. Click “Option” → 3. Click “Trust Center” → 4. Click “Trust Center Settings ...” → 5. Click “Trusted Documents” → 6. Check “Disable Trusted Documents” box → 7. Click the “OK” button to close the window.

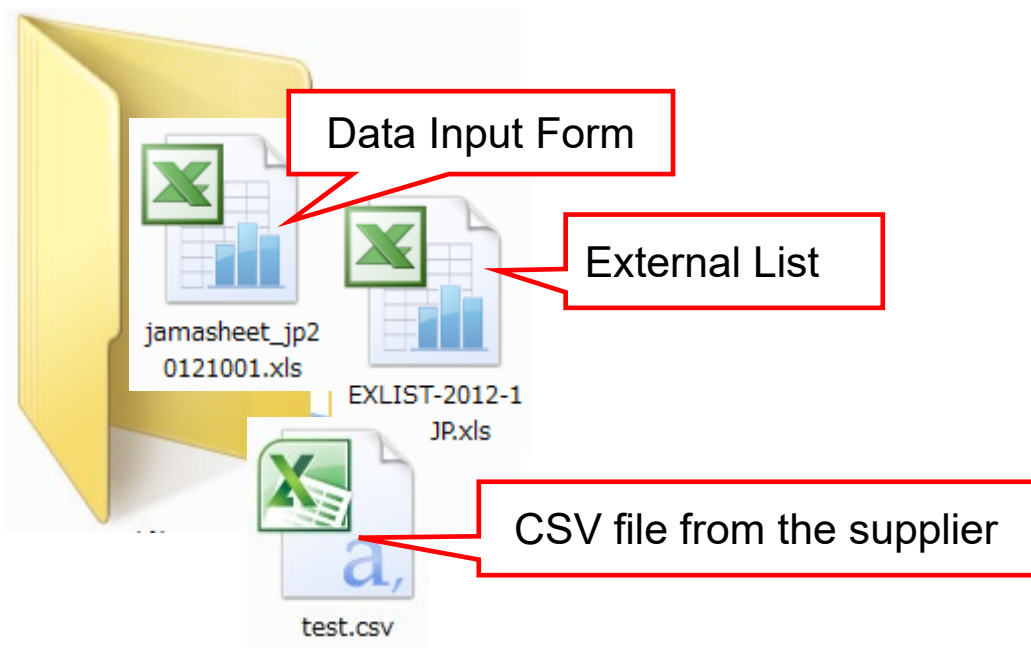
(2) Next, setup the ‘Disable all macros with notification’.

1. Click “File” → 2. Click “Option” → 3. Click “Trust Center” → 4. Click “Trust Center Settings ...” → 5. Click “Macro Settings” → 6. Check “Disable all macros with notification” box → 7. Click the “OK” button to close the window. With this, the procedure completes.

- Always save the JAMA sheet in the same folder as the External List.

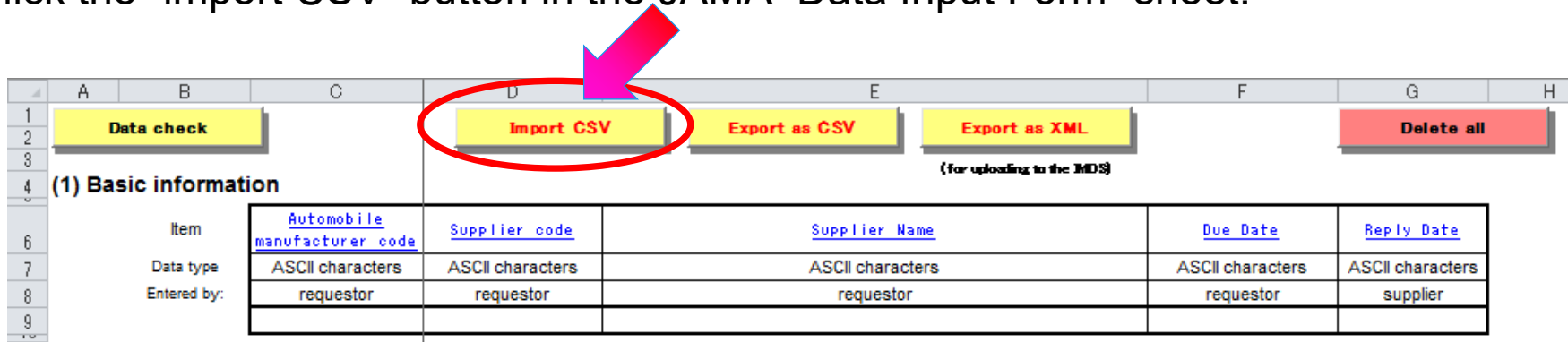
3. Import the CSV file into the Data Input Form

Save the CSV file in an appropriate folder.



□ How to import a completed CSV file into a blank JAMA sheet

Click the “import CSV” button in the JAMA “Data Input Form” sheet.



Important!

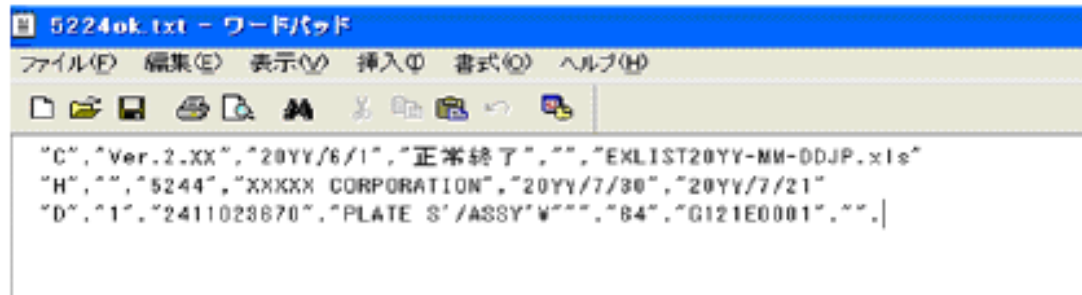
- The JAMA sheet into which the CSV file is to be imported must be blank. Click the “Delete all” button to clear the sheet, if necessary.
- Existing data can be imported from an earlier version of the JAMA sheet even after the version upgrade of the JAMA sheet. However, errors may be found in an error check due to the version upgrade of the External List. Make corrections as necessary.
- Do not overwrite a CSV file opened by Excel. This would destroy the data, so that the CSV file could no longer be imported.

❑ What to do if the CSV file cannot be imported into the JAMA sheet

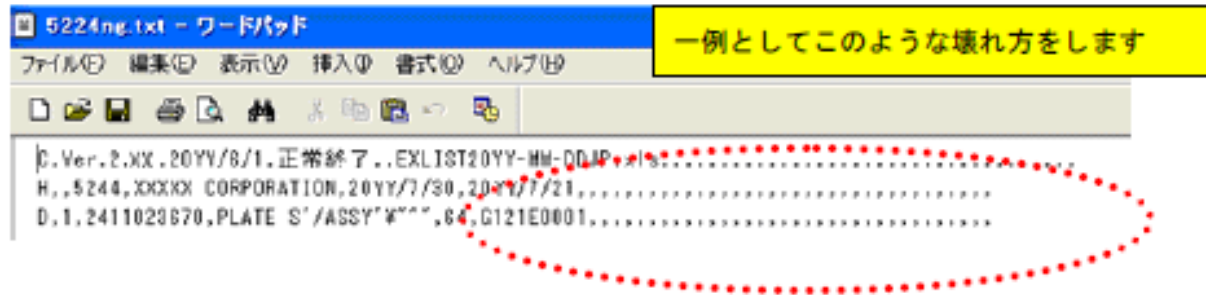
If a CSV file cannot be imported...

Open the file by WordPad or Notepad to check whether data are corrupted.

参考：正常なCSVファイル



参考：壊れたCSVファイル



For information: How to restore corrupted data

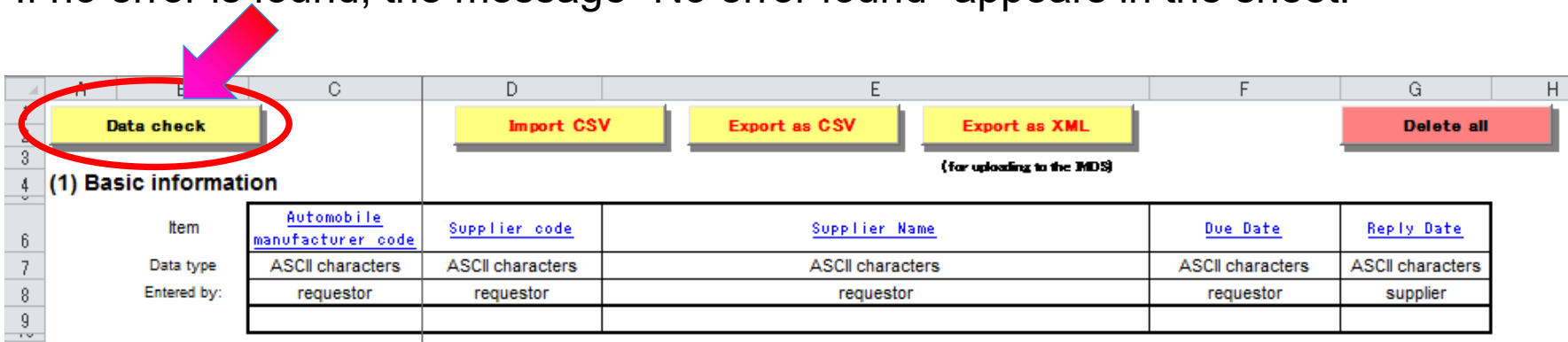
Ask the source company to resend the data, or open the corrupted CSV file by Excel and copy the necessary data such as article numbers to the Data Input Form, or select in accordance with the data.

□ How to check errors in the JAMA sheet with imported data

4. Check errors

Execute “Check input data” to confirm that all the data have been input correctly. Before doing this, be sure to save the data.

Clicking the “Check input data” button generates the check result in the “Message” sheet. If no error is found, the message “No error found” appears in the sheet.



Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date
Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor	requestor	supplier

If data obtained show any error, inquire of the source and obtain error-free JAMA data.

Important!

JAMA data containing any error cannot be uploaded to JDI's chemical substances management system (jDesc).

□ Notes on problems associated with different JAMA sheet versions (*)

5. Confirm the data

* Confirmation of data imported from an early version of JAMA sheet (CSV file) into the current version (Excel file)

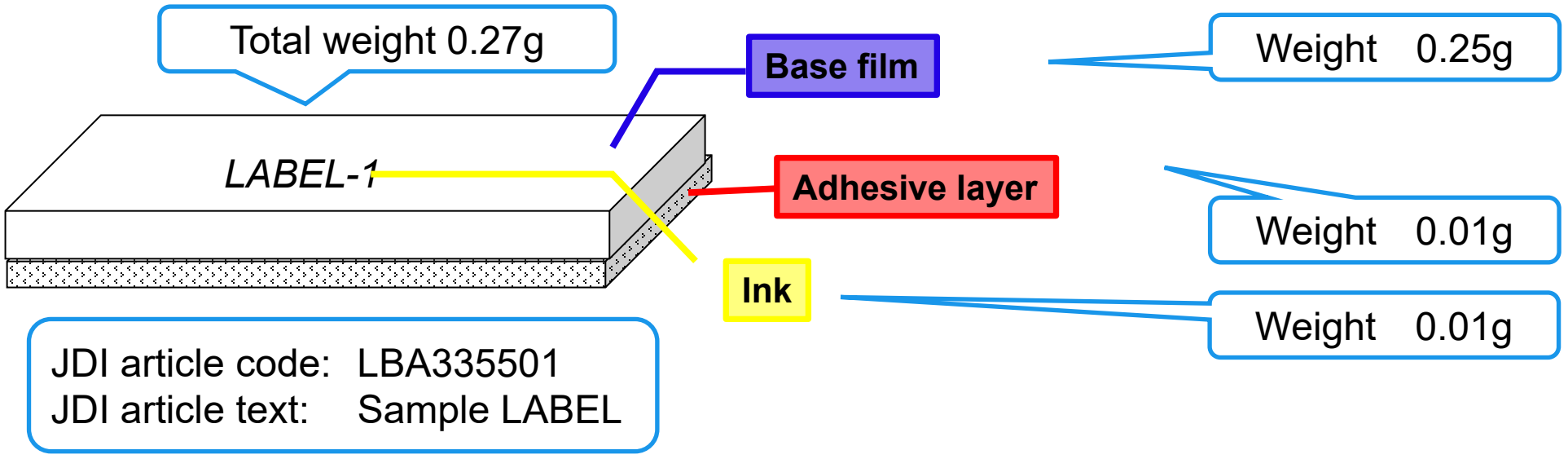
Frequently encountered problems associated with different JAMA sheet versions (*)

No	Error	Action
1	Incorrect combination of compound code, compound name, and Node ID	Error messages may appear even for a correct combination or consistent values. Enter the correct data using the [Select] button.
2	Inconsistency between the input value and value existing in the list	
3	Others	When using a version 2.16 or higher to check data prepared by an earlier version, only the application code 20 can be selected. Since the current RoHS does not permit application code 20, the code must be changed. Select an appropriate “Constituting Material Name,” to which the alternatives for application code selection are linked. This correction is needed even when no error message appears.

□ Description of JAMA sheet entries

Detailed description of JAMA sheet entries

The JAMA sheet in JAPIA Document “Data Input Sample” (Case 7: Labels) is used as an example for explanation.



3. JAMA Sheet entries

- Information required in each entry in the JAMA sheet is described with input procedure.

Information required for the JAMA sheet



Input	Input	Input	Input	Input	Input
-------	-------	-------	-------	-------	-------

Explanation starts with the first row of the JAMA sheet.

Item No.	Item Name	Item Description	Item Category	Item Unit	Item Price	Item Weight	Item Volume	Item Length	Item Width	Item Height	Item Thickness	Item Material	Item Color	Item Finish	Item Marking	Item Drawing	Item Photo	Item Spec	Item Note	Item Remark
1
2
3
4
5

Information required in Basic Information

Enter information on JAMA sheet preparation in “Basic Information.”

	A	B	C	D	E	F	G	H
1	Data check			Import CSV	Export as CSV	Export as XML		
2							Delete all	
3								
4	(1) Basic information			(for uploading to the JMS)				
6	Item	Automobile manufacturer code	Supplier code	Supplier Name		Due Date	Reply Date	
7	Data type	ASCII characters	ASCII characters	ASCII characters		ASCII characters	ASCII characters	
8	Entered by:	requestor	requestor	requestor		requestor	supplier	
9								

No data needed

Company code*

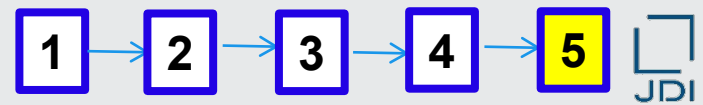
Company name

No data needed

Date of registration on jDesc or completion of JAMA sheet

* Code in the jDesc system

3. JAMA Sheet entries



Enter the 9-digit JDI article code (one-byte alphanumeric characters) in the “Delivered Component Number.”

Automatically input (calculated) by selecting the top cell of the column and clicking **[Automatic Coordination]** after entering all constituting material information.

Component structure level indicates affiliation of the component

1	2			3		4		5		6		7
	DELIVERY PART											
<u>SEQ No</u>	<u>Part Number</u>	<u>Part name</u>		<u>Weight [g/part]</u>	<u>Drawing Change Level</u>	<u>Investigation on flag</u>		<u>Part Structure</u>				
				Auto adjustment		Select						
1	LBA335501	Sample LABEL		0.27						1		
2	LBA335501	Sample LABEL								2		
3	LBA335501	Sample LABEL								2		
4	LBA335501	Sample LABEL								2		
5	LBA335501	Sample LABEL								2		

JDI Article code

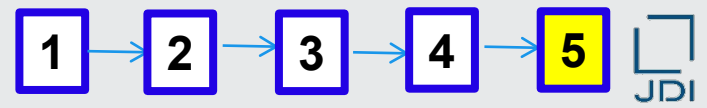
JDI Article text

Automatically entered

No data needed

Enter as necessary. See explanation of “JDI-supplied articles” (p. 131).

3. JAMA Sheet entries



- Weight in item 10 is automatically entered by clicking “automatic coordination” after entering weight into item XX.

Quantity of each component

COMPONENT PARTS				
Part Number	Part name	Weight [g/part] <i>Auto adjustment</i>	Quantity [/upper part]	Surface treatment flag
	Label base film	0.25	1	
	Label base film		1	
	Label base film		1	
	Label adhesive layer	0.01	1	
	Label adhesive layer		1	
	Label adhesive layer		1	
	Label ink	0.01	1	
	Label ink		1	
	Label ink		1	
	Label ink		1	
	Label ink		1	
	Label ink		1	

Enter “1” for painting, plating, chemical conversion treatment, coating etc.

Important!
Do not erase automatically entered “1.”
This would cause errors.

Automatically input by selecting the top cell of the component columns and clicking [Automatic Coordination] after entering all constituting material information (automatically calculated from the manually-entered material weights).

Enter as necessary


Component name

3. JAMA Sheet entries

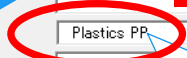
- Select appropriate “Constituting Material Name” from the window shown by clicking the “Select” button.

13

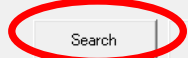
Material name

(1) 

1. click “Select” button → 2. Enter search condition in “Select material” window → 3. Click “Search” button → 4. Select relevant material → 5. “OK”

(2) 

Example: Plastics PP

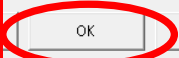
(3) 

(4) Select relevant material
Example: Plastics PP (Filled)

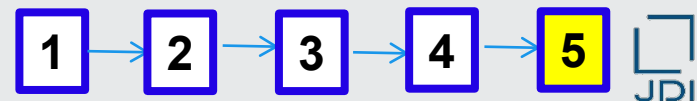
These actions result in **automatic input of the following in appropriate cells:**

- Surface treatment flag
- Constituting material name
- Material standard
- Material code
- Material symbol
- VDA Material code

Surface treatment	Material name(EN)	Material	Norms/Standards	Material-No.	Symbol	VDA classification	IMDS node ID
	Plastics PP (Filled)	-	ISO1043		PP-\$	5.1a	
	Plastics PP-E (Filled)	-	ISO1043		PP-E-\$	5.1a	
	Plastics PP-HI (Filled)	-	ISO1043		PP-HI-\$	5.1a	
	Plastics PPE (Filled)	-	ISO1043		PPE-\$	5.1a	
	Plastics PPOX (Filled)	-	ISO1043		PPOX-\$	5.1a	
	Plastics PPS (Filled)	-	ISO1043		PPS-\$	5.1a	
	Plastics PPSU (Filled)	-	ISO1043		PPSU-\$	5.1a	
	Plastics PP alloy (Filled)	-	ISO1043		PP+\$-\$	5.1a	
	Plastics PP-E alloy (Filled)	-	ISO1043		PP-E+\$-\$	5.1a	
	Plastics PP-HI alloy (Filled)	-	ISO1043		PP-HI+\$-\$	5.1a	
	Plastics PPE alloy (Filled)	-	ISO1043		PPE+\$-\$	5.1a	
	Plastics PPOX alloy (Filled)	-	ISO1043		PPOX+\$-\$	5.1a	
	Plastics PPS alloy (Filled)	-	ISO1043		PPS+\$-\$	5.1a	
	Plastics PPSU alloy (Filled)	-	ISO1043		PPSU+\$-\$	5.1a	

(5) 

3. JAMA Sheet entries



- Manually enter the material weight in homogeneous state in item 15 (to be reflected in item 15).
- Do not edit data displayed automatically when constituting material name is selected.

Enter material weight in the top of constituting material cells.

Manual input not needed!
 Data are entered automatically when “Constituting Material Name” is selected.
Do not delete or edit.

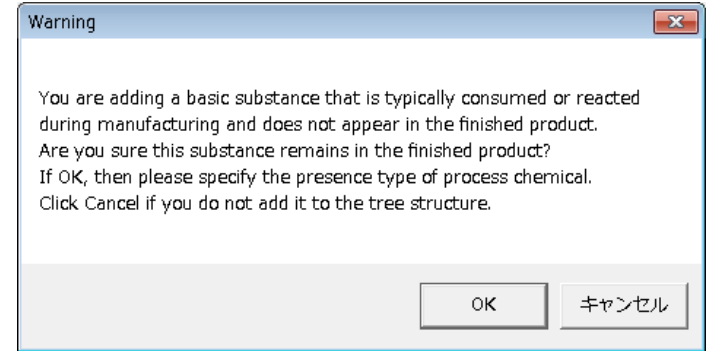
MATERIAL					
14	15	16	17	18	19
Trade name	Weight [g/component part]	Norms/Standards	Material number (Metal or other than plastics rubber materials)	Material symbol (plastics or rubber)	VDA Classification
	Round off				
F #001	0.25	ISO1043		PP-KD20	5.1a
F #001		ISO1043		PP-KD20	5.1a
F #001		ISO1043		PP-KD20	5.1a
#01	0.01	ISO1043	PAK		6.2
#01		ISO1043	PAK		6.2
#01		ISO1043	PAK		6.2
I-001	0.01	JAMAA4444	INK		6.1
I-001		JAMAA4444	INK		6.1
I-001		JAMAA4444	INK		6.1
I-001		JAMAA4444	INK		6.1
I-001		JAMAA4444	INK		6.1

Enter product name (serial number permitted for nameless articles or for confidentiality). * **Input mandatory**

3. JAMA Sheet entries

How to handle process chemicals (volatile substances, etc.) as materials

Warning will pop up if more than 0.1% of a process chemical is contained.



SUBSTANCE				
Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion
	Select			
1		-	Plastic: PP	77
2		471-34-1	Calcium-carbonate	20
		system	Additives, not to declare	3
1		-	Basic Polymer: PAK	97
2	1	108-05-4	Acetic acid ethenyl ester	0.05
		system	Additives, not to declare	2.95
1		-	Polyethylene	53
2		147-14-8	Cu-Phthalocyanin	10
3		25053-15-0	Allyl phthalate, homopolymer	15
4		5102-83-0	CI. Pigment Yellow 13	10
5	1	71868-10-5	2-Methoxypropyl acetate	5
		system	Misc, not to declare	7

Important!

Enter compounds contained in the final product only. Do not include process chemicals merely used in the production process.

Process chemicals are compounds that vaporize or that are converted to other compounds in the manufacturing process.

Assign numbers to the compounds present in the material. Leave the cell corresponding to the compound code "system."* blank.

* **Wildcard compounds:** compounds for which the code is "system." See explanation of wildcard compounds (p. 28).

❑ What is a wildcard compound?

Wildcard compound

A wildcard compound is a compound for which the compound code (CAS registry No.) has been replaced by “system.”

A wildcard is used to report confidential substances or substances under development with unknown ingredients.

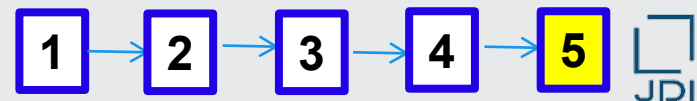
Examples of wildcard compounds:

- Misc., not to declare
- Organic ingredient, not to declare
- Additives, not to declare

Important!

- The Wildcard cannot be used for substances requiring notification, prohibited substances, or substances requiring entry of an application code.
- The wildcard can be used only to report compound concentrations of **10% or lower** in homogeneous state.

3. JAMA Sheet entries



How to select a compound code (CAS No.)

1. Click the “Select” button → 2. Enter the search condition in the “Select compound” window → 3. Click the “Search” button → 4. Select relevant compound → 5. OK

Substance code (CAS No.)	Substance name	Portion
Select		

-	Plastic: PP	77
471-34-1	Calcium-carbonate	20
system	Additives, not to declare	3
-	Basic Polymer: PAK	97
108-05-4	Acetic acid ethyl ester	

No manual input needed!

Information automatically entered by selecting “compound name.” **Do not delete or edit.**

These actions result in **automatic input of the following into appropriate cells:**

- Compound code
- Compound name
- Node ID [compound]

(2) Example: CAS No. 7440-50-8

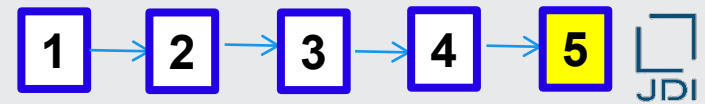
(3) Search

(4) Select relevant compound
Example: Copper

CAS No.	Substance Name	Substance Name (JP)	Node ID	declarable	prohibited(P)	SVHC	Process chemical
7440-50-8	Copper	銅	1396	Yes			
7440-50-8	Cu	銅	1396	Yes			

(5) OK

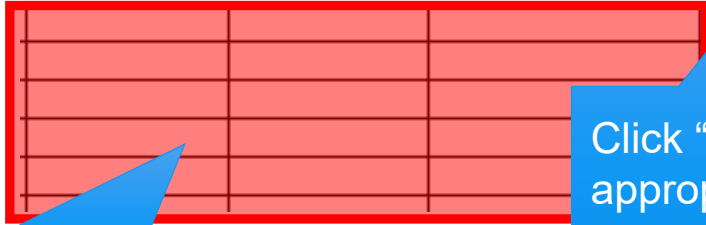
3. JAMA Sheet entries



- Application code ” in the 34th line needed for substances covered by the RoHS or ELV directive.
- In the case of GADSL BPR substances, enter “Product Type”(application) when it is added for biocidal purpose, and enter “N” when it is not added for biocidal purpose.

30	31	32	34	35
RECYCLATE				
<u>Content of post consumer recycle (Minimum)</u>	<u>Content of post consumer recycle (Maximum)</u>	<u>Polymeric part(s) marked</u>	<u>Application</u>	<u>Biocidal Purpose</u>
			Select	Mass Entry Select

When “Product Type” input is required, Click “Select” to select an appropriate “Product Type”.



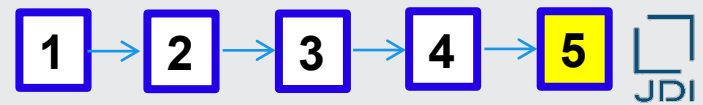
Manual input not needed!

Click “Select” to select an appropriate code for regulated impurities or similar cases. * **No automatic input** is provided to ensure compliance.

When all target substances are “N”(not for biocidal purpose), Click “Mass Entry”.

The application codes are specified by the exemption list of the European End-of-Life Vehicle Directive (EU-ELV Annex II). The code is required for **lead, cadmium, mercury, hexavalent chromium, nickel and polycyclic aromatic hydrocarbons (PAHs)**.

3. JAMA Sheet entries



□ No data input is needed in the JAPIA Option items.

32	34	39	40	41	42	43	44	45	46	47	48
		JAPIA OPTIONS									MATERIAL
<u>Polymeric part(s) marked</u>	<u>Application</u> <input type="button" value="Select"/>	<u>Component parts weight unit</u> <input type="button" value="Select"/>	<u>Component parts quantity unit</u> <input type="button" value="Select"/>	<u>Requestor material code or Supplied material code</u>	<u>Substance portion (Minimum)</u>	<u>Substance portion (Maximum)</u>	<u>Substance portion (Rest)</u>	<u>IMDS node ID (part)</u>	<u>IMDS node ID (material)</u>	<u>IMDS node ID (substance)</u>	<u>Internal Mat.-No.</u>
										1351222	
										1201	
										145390	
										1347041	
										3361	
										145390	
										1347348	
										1794	
										23337	
										2279459	
										461	
										9999	

No manual input needed!

1. What is the JAMA sheet?
2. Display image for JAMA sheet and content overview
3. JAMA Sheet entries
4. **JAMA Sheet preparation**
5. Notes on filling in JAMA sheet
6. JDI-Specific requirements in JAMA sheet

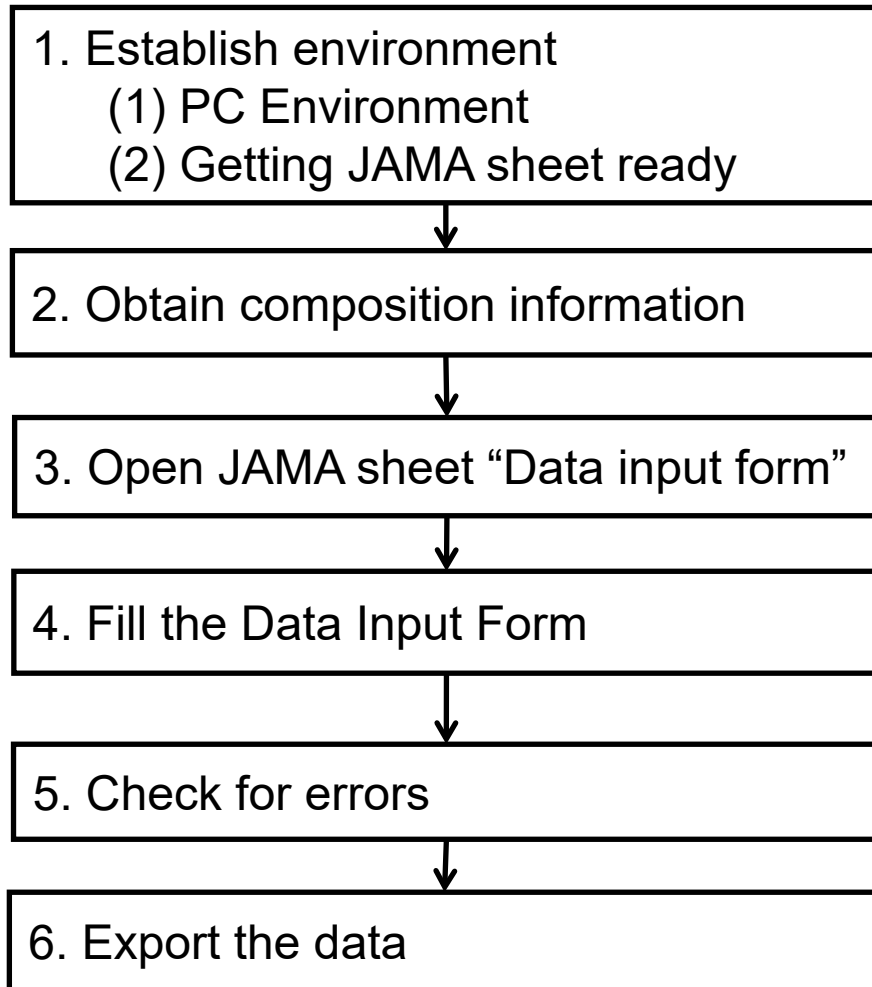


Japan Display Inc.

1. What is the JAMA sheet?
2. Display image for JAMA sheet and content overview
3. JAMA Sheet entries
- 4. JAMA Sheet preparation**
5. Notes on filling in JAMA sheet
6. JDI-Specific requirements in JAMA sheet

□ JAMA sheet preparation procedure

Overview of the procedure



□ Important check points in JAMA sheet preparation

Important check points in JAMA sheet preparation

No.	Description	Reference page
1	Do not delete or edit data entered using the [Automatic coordination] or [Select] button, or automatically displayed in cells when the [Select] button is clicked. Do not enter these data manually.	p.122-126
2	Entries should consist of one-byte alphanumeric characters only. Do not paste any entry copied from other files.	p. 118
3	Be sure that the sheet is error-free by checking for errors.	p.18
4	The concentration of any wildcard compound should not exceed 10%.	p.28
5	Input in item 14 “Material trade name” is mandatory.	p. 57
6	“Delivered component number” and “Delivered component name” should be identical with “JDI Article number” and “JDI Article text” of j Desc, respectively.	p.130
7	Enter compounds contained in the final product only for process chemicals. Do not include process chemicals merely used in the production process in the “Compound”.	p.27

□ PC environment for viewing the JAMA sheet

1. Prepare environment

(1) Set up PC environment

Operating environment where the JAMA sheet ver2.50 has been evaluated are below.

- Windows 7 SP1 (32bit) + Excel2013 (32bit)
- Windows 10 (64bit) + Excel2016 (64bit)

For details, refer to:

Manuals are available at the URLs below at the JAPIA Website

- * Japanese: <http://www.japia.or.jp/datasheet/> - provides all the documents related to JAMA sheet
- * English: <http://www.japia.or.jp/english/datasheet.html> - provides documents in English related to JAMA sheet

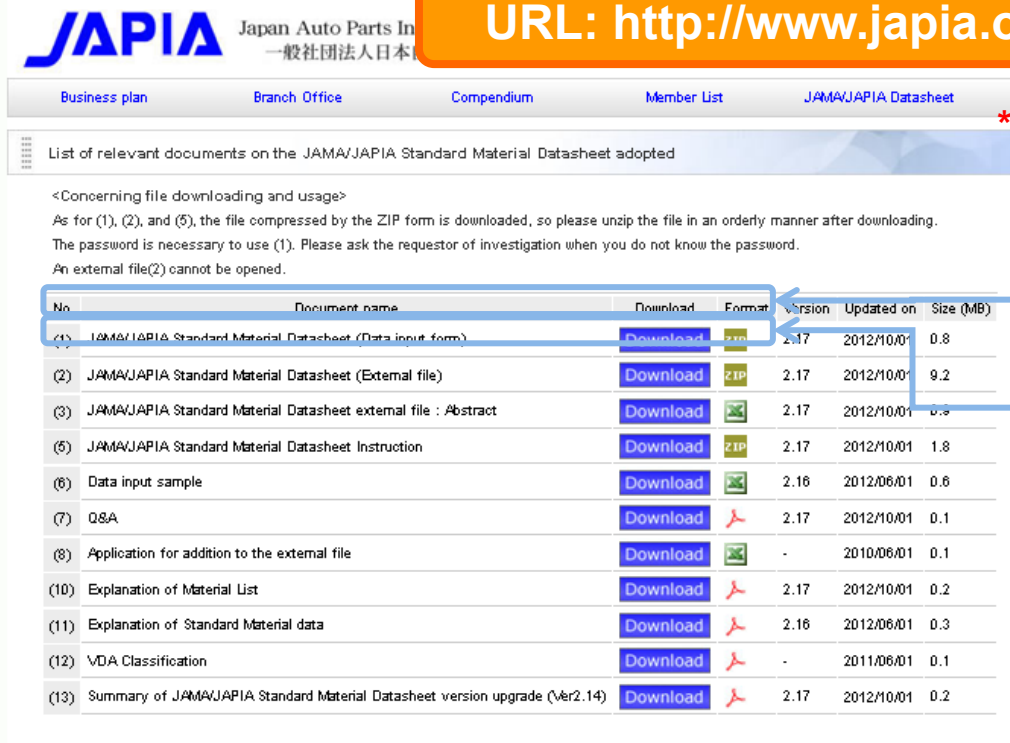
How to download JAMA sheet

(2) Getting JAMA sheet ready

- Download the files.

Download the latest version of the JAMA/JAPIA Standard Material Data Sheet (Data Input Form and External List) from the site indicated below, as necessary.

URL: <http://www.japia.or.jp/english/datasheet.html>



Business plan Branch Office Compendium Member List JAMA/JAPIA Datasheet

List of relevant documents on the JAMA/JAPIA Standard Material Datasheet adopted

<Concerning file downloading and usage>
As for (1), (2), and (5), the file compressed by the ZIP form is downloaded, so please unzip the file in an orderly manner after downloading.
The password is necessary to use (1). Please ask the requestor of investigation when you do not know the password.
An external file(2) cannot be opened.

No.	Document name	Download	Format	Version	Updated on	Size (MB)
(1)	JAMA/JAPIA Standard Material Datasheet (Data input form)	Download	PDF	2.17	2012/10/01	0.8
(2)	JAMA/JAPIA Standard Material Datasheet (External file)	Download	ZIP	2.17	2012/10/01	9.2
(3)	JAMA/JAPIA Standard Material Datasheet external file : Abstract	Download	PDF	2.17	2012/10/01	0.3
(5)	JAMA/JAPIA Standard Material Datasheet Instruction	Download	ZIP	2.17	2012/10/01	1.8
(6)	Data input sample	Download	PDF	2.16	2012/06/01	0.6
(7)	Q&A	Download	PDF	2.17	2012/10/01	0.1
(8)	Application for addition to the external file	Download	PDF	-	2010/06/01	0.1
(10)	Explanation of Material List	Download	PDF	2.17	2012/10/01	0.2
(11)	Explanation of Standard Material data	Download	PDF	2.16	2012/06/01	0.3
(12)	VDA Classification	Download	PDF	-	2011/06/01	0.1
(13)	Summary of JAMA/JAPIA Standard Material Datasheet version upgrade (Ver2.14)	Download	PDF	2.17	2012/10/01	0.2

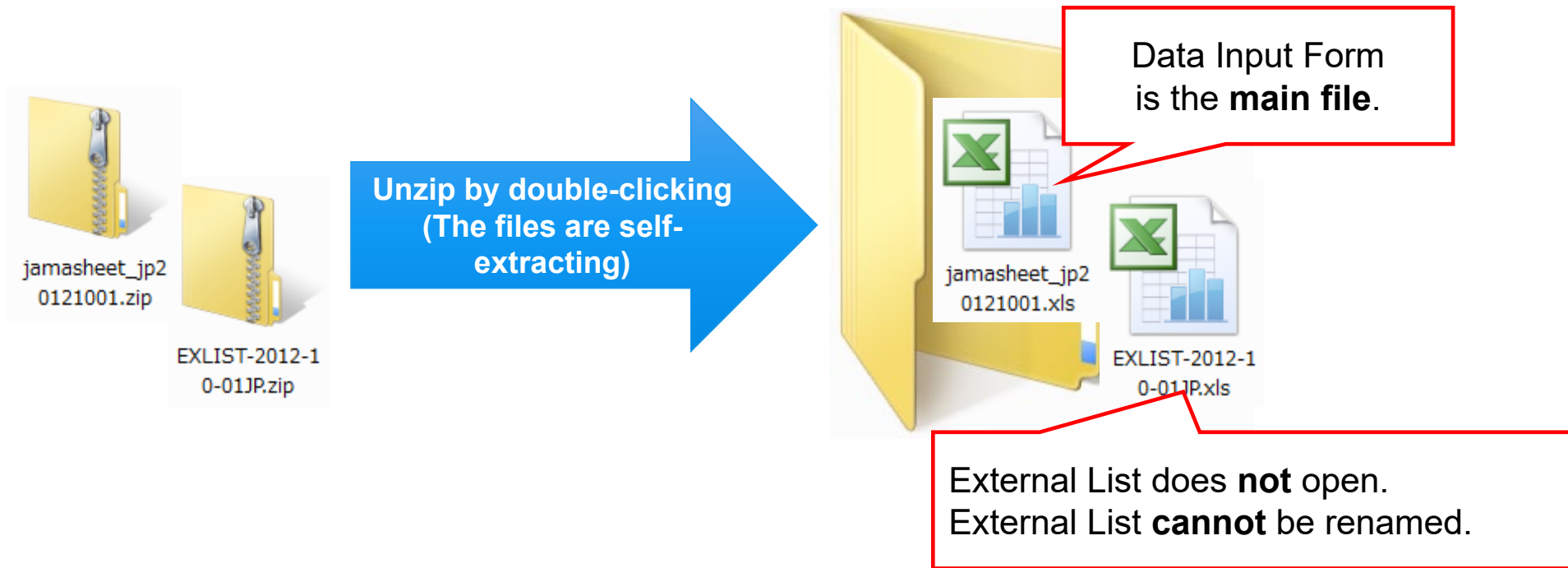
*** Use the Data Input Form and External List of the same version for the same language.**

(1) Download the Data Input Form

(2) Download the External file

□ How to save the downloaded JAMA sheet

- Unzip the downloaded .zip files. Save the JAMA/JAPIA standard material data sheet (Data Input Form and External List) in the same folder.



- The first step to JAMA sheet preparation: obtain contained composition information

2. Obtain contained composition information

Ask your supplier for information on the component and its affiliation, along with data on the constituent chemical substances (as homogeneous material).

- Since the data are registered on our chemical substances management system (jDesc) through the JAMA sheet, it is desirable to obtain relevant data in the current version of JAMA sheet.
- However, data in any format are acceptable so long as information indicated above is shown.
- It is recommended to attach appropriate MSDSs in English, in order to validate the contained composition information.

- A password is required to open the JAMA Sheet.

3. Open the Data Input Form

Enter your password.



Your password will be sent separately.

Important!

- The password consists of one-byte alphanumeric characters and is case-sensitive.
- Your password is valid until the next revision of the JAMA sheet. The password may be reset upon revision of the JAMA sheet. Please contact JDI as necessary.
- Use the password only for investigating your supply chain. Be sure not to disclose your password to any third party.

□ Macro setting for opening the JAMA sheet

After entering the password to start the JAMA sheet, if the following “message bar” in relation to the behavior of Excel macro is not displayed, it is recommended to setup Excel appropriately in the following way (The screen shot is Excel 2010).



(1) Setup the ‘Disable Trusted Documents’ first.

1. Click “File” → 2. Click “Option” → 3. Click “Trust Center” → 4. Click “Trust Center Settings ...” → 5. Click “Trusted Documents” → 6. Check “Disable Trusted Documents” box → 7. Click the “OK” button to close the window.

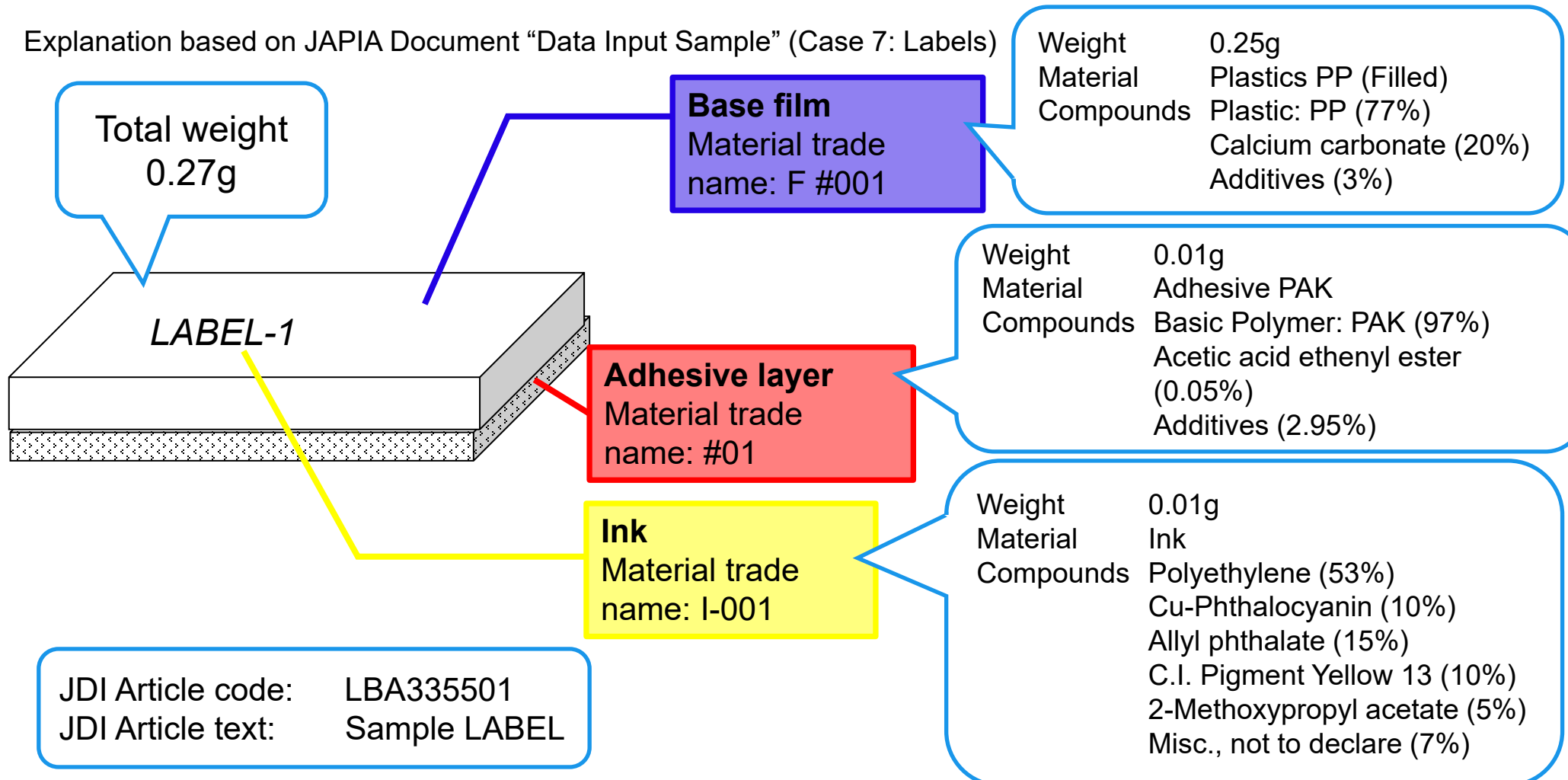
(2) Next, setup the ‘Disable all macros with notification’.

1. Click “File” → 2. Click “Option” → 3. Click “Trust Center” → 4. Click “Trust Center Settings ...” → 5. Click “Macro Settings” → 6. Check “Disable all macros with notification” box → 7. Click the “OK” button to close the window. With this, the procedure completes.

□ JAMA sheet preparation illustrated by a label

4. JAMA sheet preparation starting from a blank form

Explanation based on JAPIA Document “Data Input Sample” (Case 7: Labels)

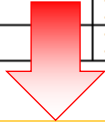


□ The first sheet to open in JAMA sheet preparation

◆ Open the sheet “Data Input Form.”

‘Data input form’ consists of 4 types of sheet.

No.	Sheet name	Function
1	Cover	Overview of the JAMA sheet
2	Entry sheet	Input, Error checking, File IO
3	Description	Description of cells in Entry sheet
4	MESSAGE	Display Error check result



The screenshot shows the 'Entry' sheet in a spreadsheet application. At the top, there are buttons for 'Data check', 'Import CSV', 'Export as CSV', and 'Export as XML'. Below these are two main sections:

(1) Basic information

Item	Automobile manufacturer code	Supplier code	Supplier Name
Data type	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor

(2) Investigation result of Material and Substance

Item No.	1	2	3
		DELIVERY PART	
Item	SER No	Part Number	Part name

At the bottom, the sheet tabs are 'Cover', 'Entry', 'Description', and 'MESSAGE'. The 'Entry' tab is highlighted in red.

4. JAMA Sheet preparation

Information required in Basic Information

Enter information on JAMA sheet preparation in “Basic Information.”

	A	B	C	D	E	F	G	H
1	Data check			Import CSV	Export as CSV	Export as XML		Delete all
2								
3								
4	(1) Basic information				(for uploading to the MDS)			
5								
6	Item	Automobile manufacturer code	Supplier code	Supplier Name		Due Date	Reply Date	
7	Data type	ASCII characters	ASCII characters	ASCII characters		ASCII characters	ASCII characters	
8	Entered by:	requestor	requestor	requestor		requestor	supplier	
9								

No data needed

Company code*

Company name

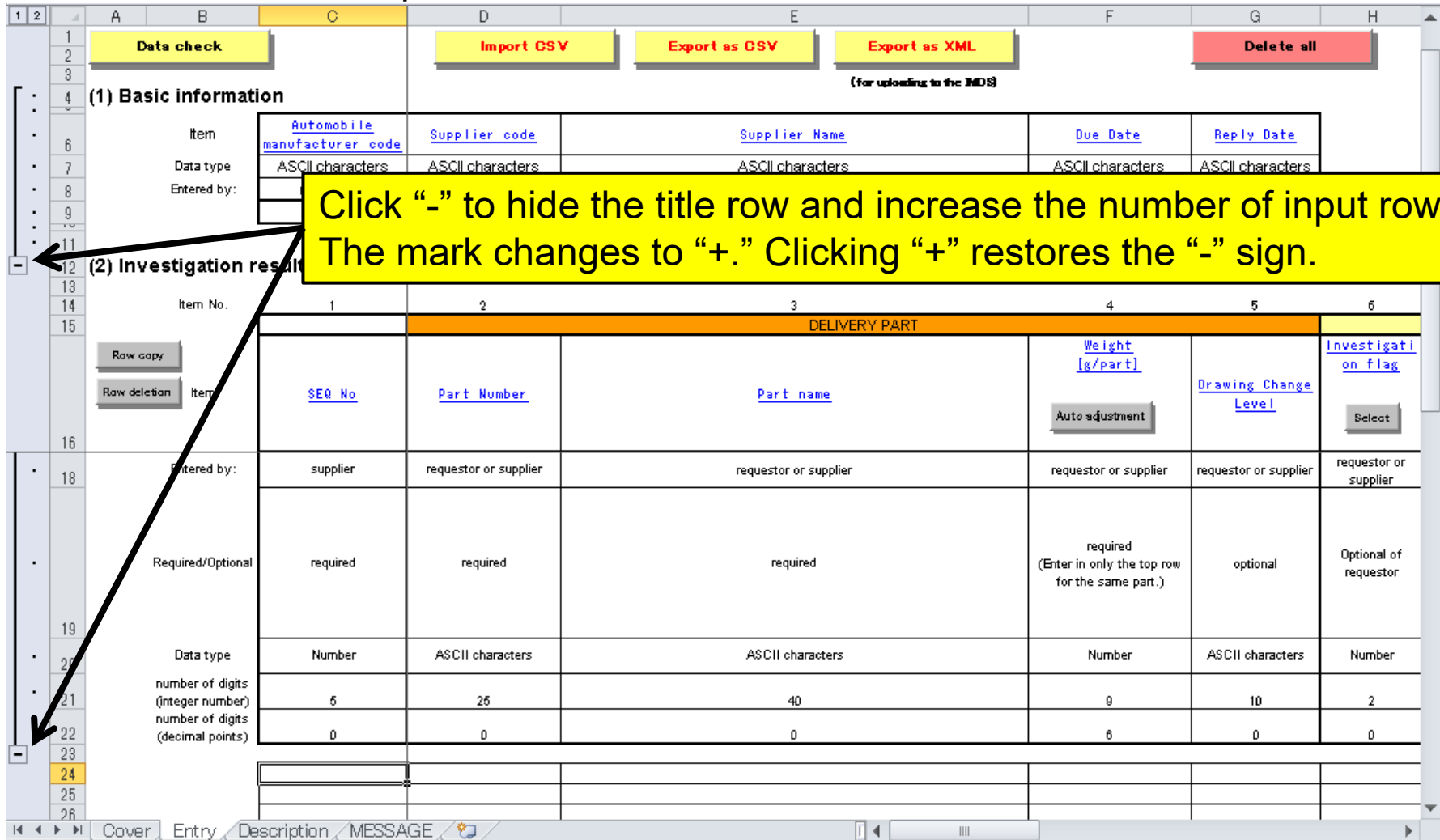
No data needed

Date of registration on jDesc or completion of JAMA sheet

* Code in the jDesc system

□ Show or hide the title row of the Data Input Form

Enter data in the “Data Input Form” sheet.



Click “-” to hide the title row and increase the number of input rows. The mark changes to “+.” Clicking “+” restores the “-” sign.

Item No.	1	2	3	4	5	6
	DELIVERY PART					
	<u>SER No</u>	<u>Part Number</u>	<u>Part name</u>	<u>Weight [g/part]</u>	<u>Drawing Change Level</u>	<u>Investigati on flag</u>
Entered by:	supplier	requestor or supplier	requestor or supplier	requestor or supplier	requestor or supplier	requestor or supplier
Required/Optional	required	required	required	required (Enter in only the top row for the same part.)	optional	Optional of requestor
Data type	Number	ASCII characters	ASCII characters	Number	ASCII characters	Number
number of digits (integer number)	5	25	40	9	10	2
number of digits (decimal points)	0	0	0	6	0	0

How to enter delivered component information

Enter information on the component delivered.

1. Enter JDI article code “LBA335501” in cell D24 (top cell for delivered component number).
2. Enter JDI article text “Sample Label” in cell E24 (top cell for delivered component name).

The screenshot displays the JAMA software interface with the following sections and data:

(1) Basic information

Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date
Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor	requestor	supplier

(2) Investigation result of Material and Substance

Item No.	1	2	3	4	5	6
		DELIVERY PART				
Item	SEQ No	Part Number	Part name	Weight [g/part]	Drawing Change Level	Investigation flag
				<input type="button" value="Auto adjustment"/>		<input type="button" value="Select"/>
		LBA335501	Sample LABEL			

At the bottom of the interface, two red boxes with arrows indicate the data entry points:

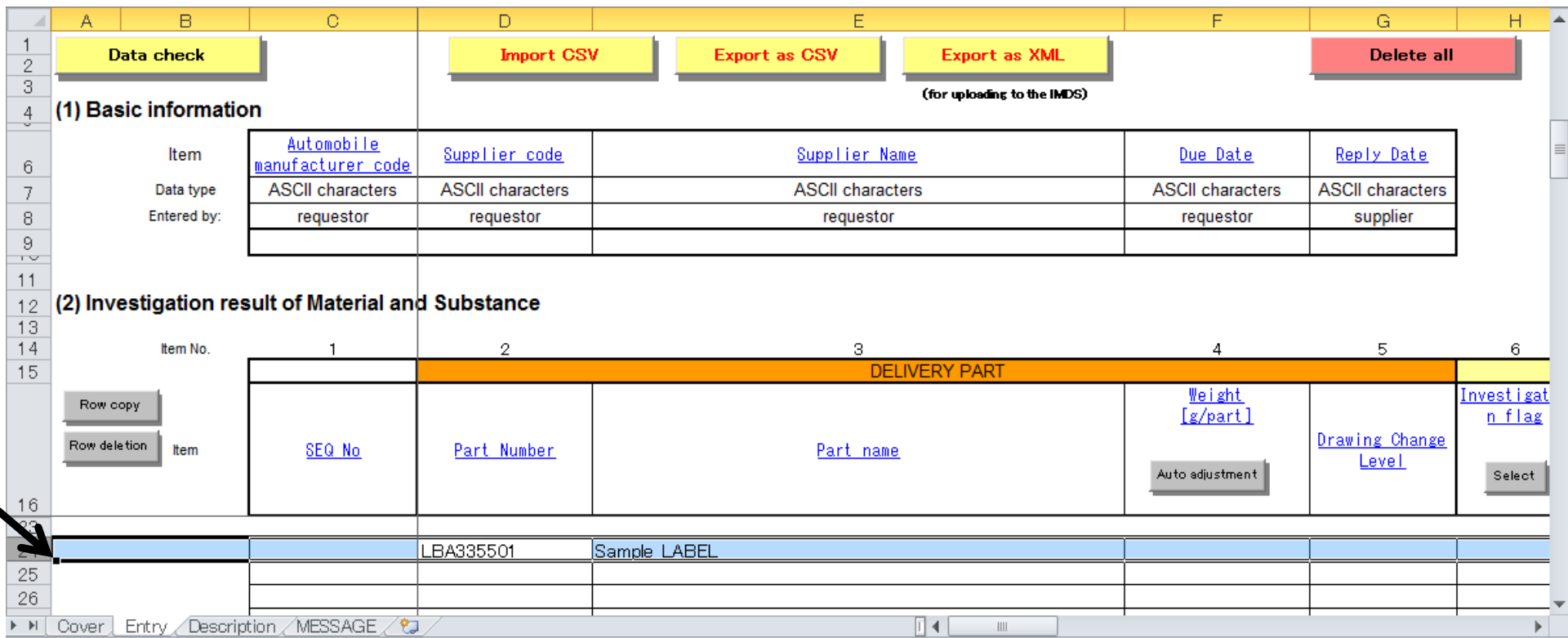
- 1**: Points to cell D24 containing "LBA335501".
- 2**: Points to cell E24 containing "Sample LABEL".

4. JAMA Sheet preparation

□ How to copy a row

Use the “Row copy” button for efficient data input.

3. Select the entire row 24 (click any cell in the row, then Shift + Space).

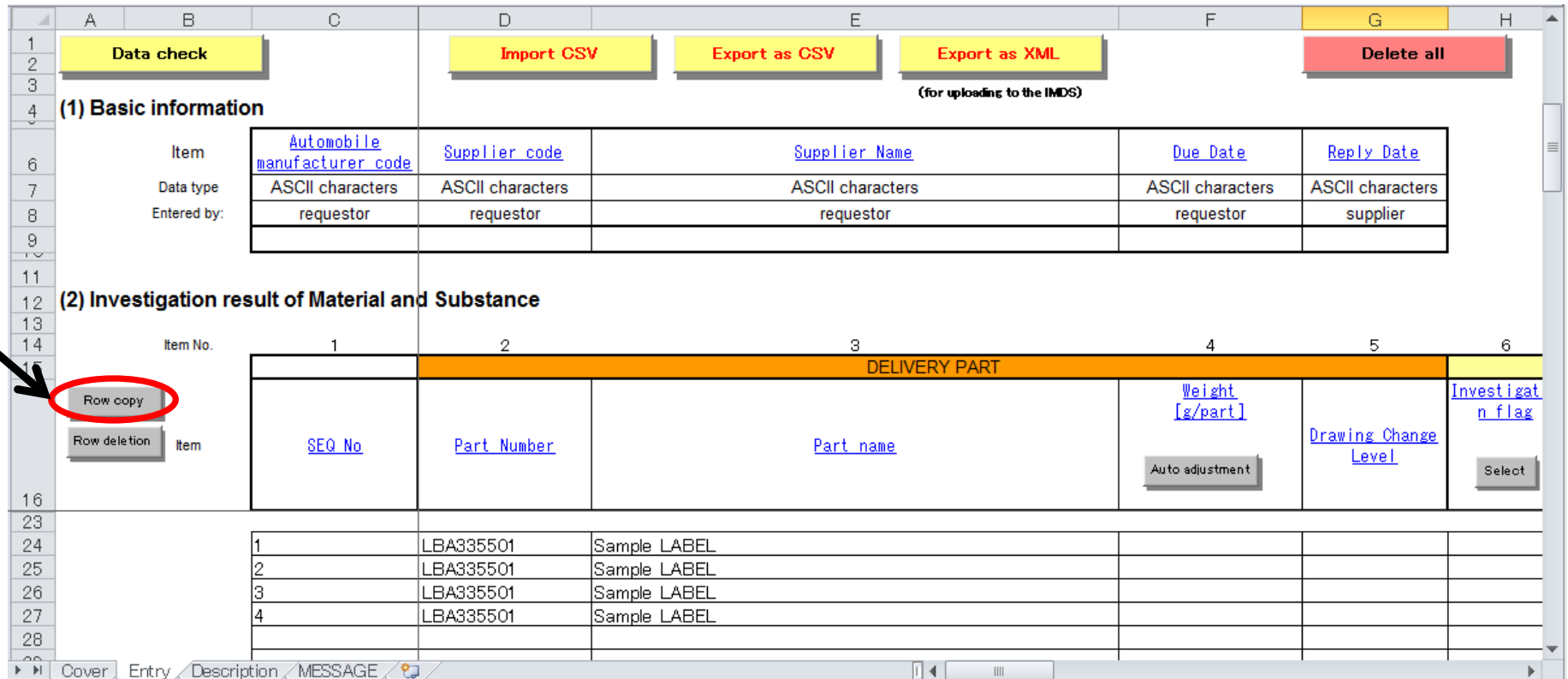


The screenshot displays a spreadsheet interface with the following elements:

- Buttons:** "Data check", "Import CSV", "Export as CSV", "Export as XML", "Delete all".
- Section (1):** Basic information. Fields include Item, Data type, and Entered by.
- Section (2):** Investigation result of Material and Substance. Fields include Item No., SEQ No, Part Number, Part name, Weight [g/part], Drawing Change Level, and Investigat n flag.
- Row 24:** The row containing "LBA335501" and "Sample LABEL" is highlighted in blue. A black arrow points to the left margin of this row.
- Bottom Bar:** Includes "Cover", "Entry", "Description", "MESSAGE", and navigation icons.

□ How to copy a row (continued)

4. Click “Row copy” as many times as the number of subcomponents.
 In this example, click the button three times (since the label consists of three subcomponents: base film, adhesive layer, and ink). A total of four “Sample Label” rows are created.



The screenshot shows a software interface with a spreadsheet. At the top, there are buttons for 'Data check', 'Import CSV', 'Export as CSV', 'Export as XML', and 'Delete all'. Below these are sections for 'Basic information' and 'Investigation result of Material and Substance'. The 'Investigation result' section has a table with columns for Item No., SEQ No, Part Number, Part name, Weight, Drawing Change Level, and Investigation flag. A 'Row copy' button is circled in red, and an arrow points to it. Below the table, there are four rows of data, each with 'Sample LABEL' in the Part name column.

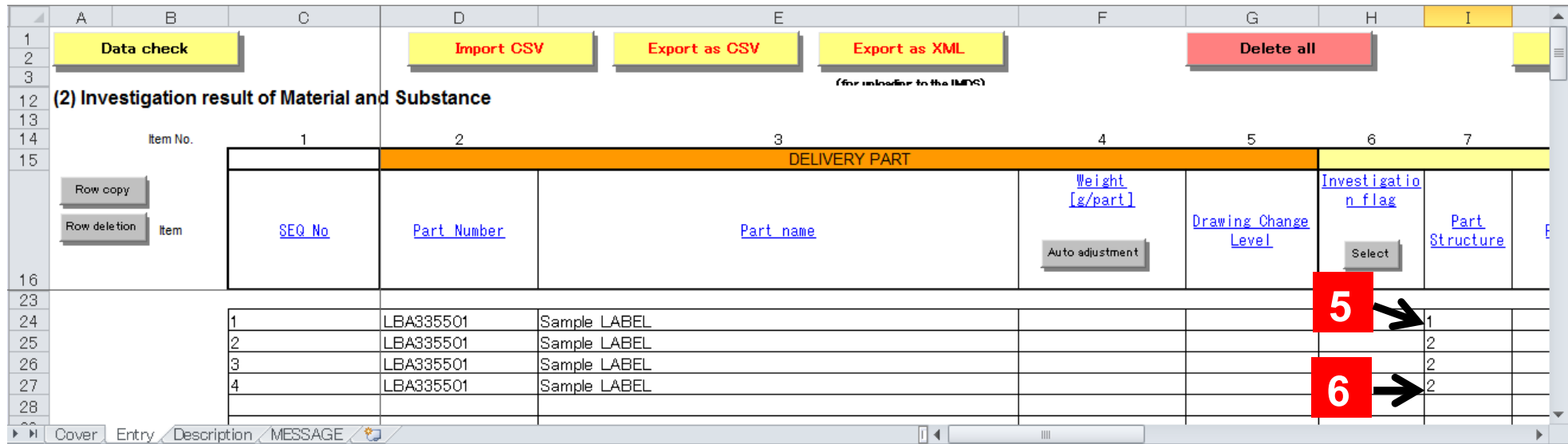
Item No.	1	2	3	4	5	6
		DELIVERY PART				
				Weight [g/part]	Drawing Change Level	Investigation flag
	SEQ No	Part Number	Part name	Auto adjustment		Select
1		LBA335501	Sample LABEL			
2		LBA335501	Sample LABEL			
3		LBA335501	Sample LABEL			
4		LBA335501	Sample LABEL			

□ How to enter the component structure level

Enter component information.

5. Enter “1” as the component structure level in cell I24.

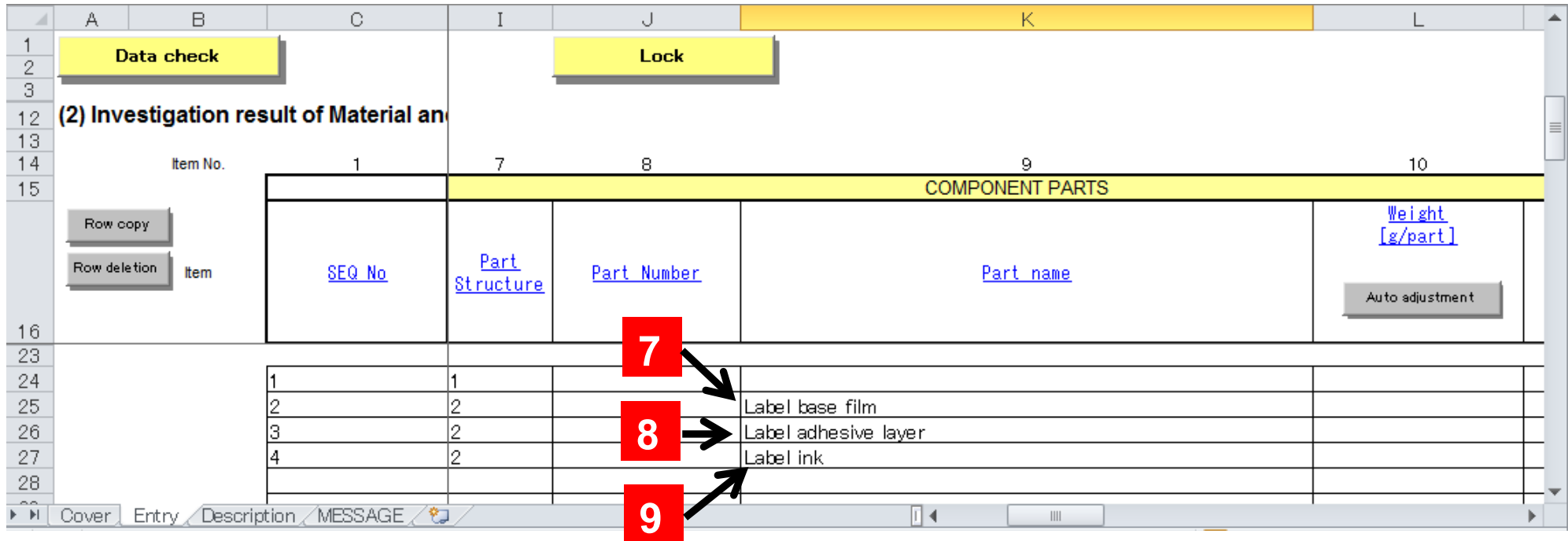
6. Enter “2” as the component structure level in cells I25-I27.



Item No.	1	2	3	4	5	6	7	
		DELIVERY PART						
	SEQ No	Part Number	Part name	Weight [g/part]	Drawing Change Level	Investigation flag	Part Structure	
1	1	LBA335501	Sample LABEL			1		
2	2	LBA335501	Sample LABEL			2		
3	3	LBA335501	Sample LABEL			2		
4	4	LBA335501	Sample LABEL			2		

□ How to enter the component name

- 7. Enter “Label base film” in cell K25.
- 8. Enter “Label adhesive layer” in cell K26.
- 9. Enter “Label ink” in cell K27.



Item No.	1	7	8	9	10
SEQ No	Part Structure	Part Number	Part name	Weight [g/part]	
1	1				
2	2		Label base film		
3	2		Label adhesive layer		
4	2		Label ink		

How to enter component quantity

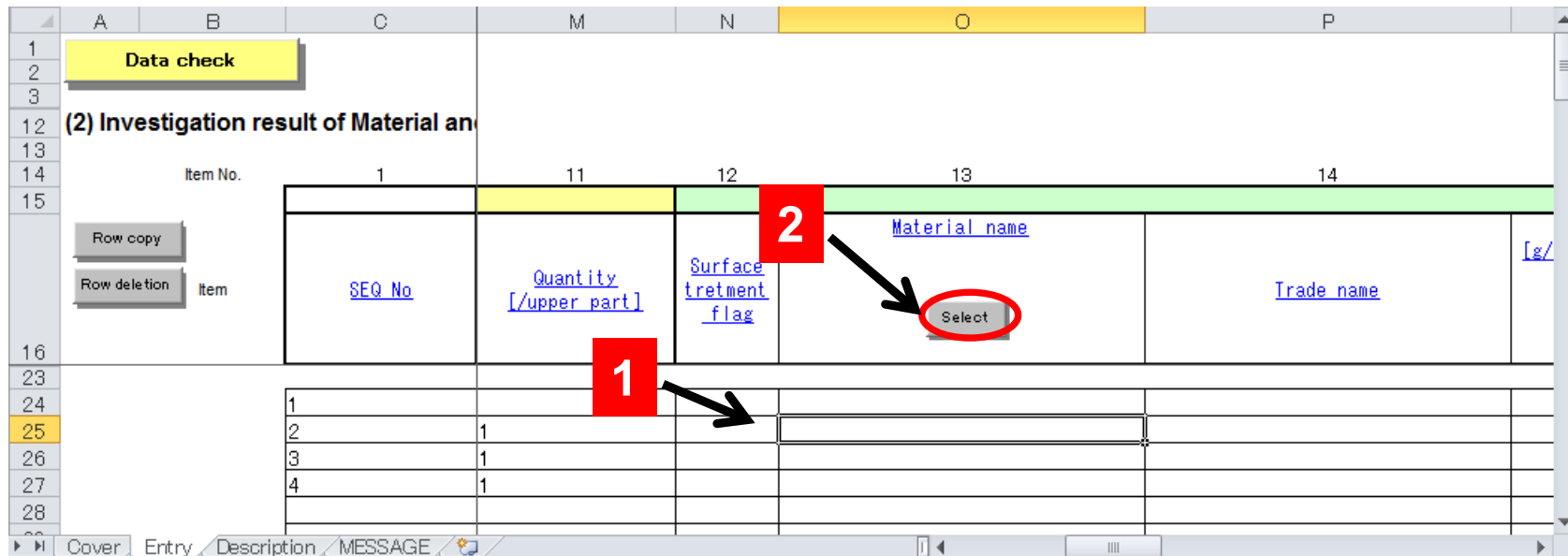
10. Enter "1" as the component quantity in cells M25-M27.

	A	B	C	K	L	M	N
1	Data check						
2							
3							
12	(2) Investigation result of Material an						
13							
14	Item No.	1	9	10	11	12	
15		COMPONENT PARTS					
16	Row copy			Weight [g/part]	Quantity [/upper part]	Surface tretment flag	
17	Row deletion	Item	SEQ No	Part name	Auto adjustment		
18							
23							
24			1				
25			2	Label base film		1	
26			3	Label adhesive layer	10	1	
27			4	Label ink		1	
28							

How to enter material information

Enter material information (Label base film)

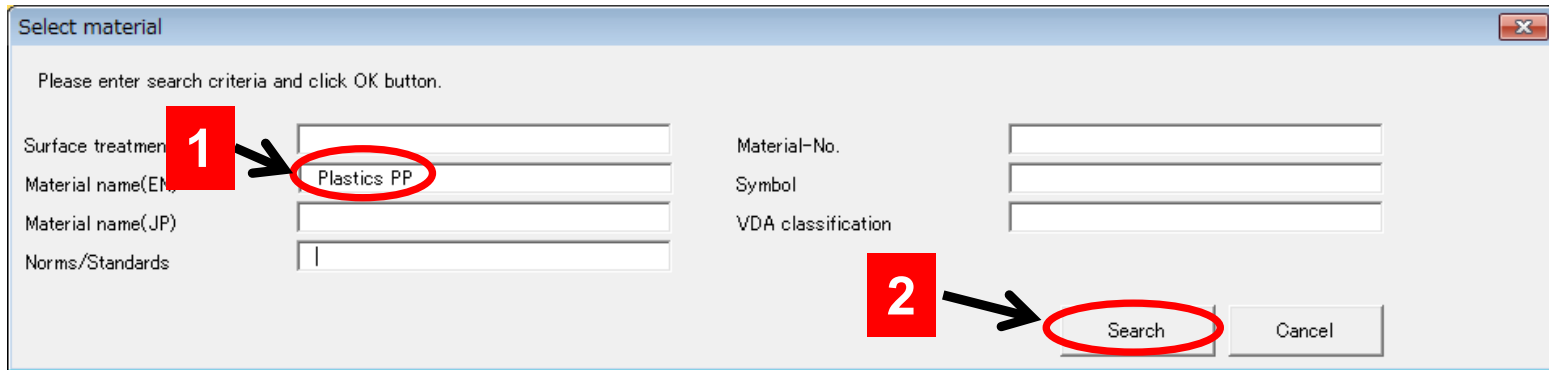
11. Click on cell O25; then click “Select” in the constituting material information column.



Item No.	1	11	12	13	14
SEQ No		Quantity [upper part]	Surface treatment flag	Material name	Trade name
1					
2	1				
3	1				
4	1				

□ How to conduct search in the window displayed upon clicking “Select” in “Constituting material name”

12. In the “Select material” window displayed, enter “Plastics PP” in the “Material name” field and click “Search.”

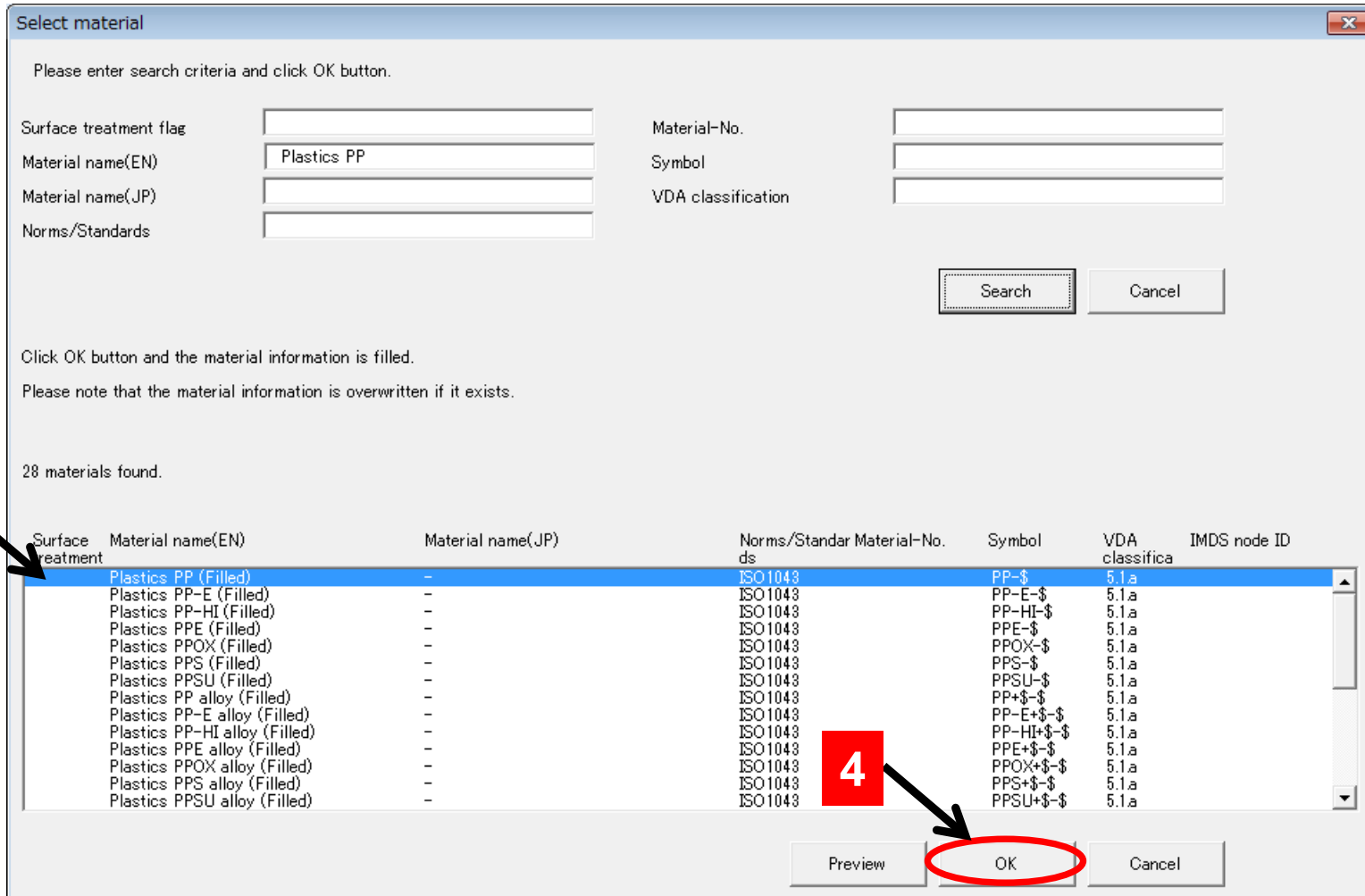


The screenshot shows a dialog box titled "Select material" with a close button (X) in the top right corner. The dialog contains the instruction "Please enter search criteria and click OK button." and several input fields:

- Surface treatment
- Material name(EN): Contains "Plastics PP" (circled in red, with a red box containing the number "1" and an arrow pointing to it).
- Material name(JP)
- Norms/Standards
- Material-No.
- Symbol
- VDA classification
- Search button (circled in red, with a red box containing the number "2" and an arrow pointing to it).
- Cancel button

How to select the relevant material

13. Select “Plastics PP” from the list of the materials retrieved, and click “OK.”



Select material

Please enter search criteria and click OK button.

Surface treatment flag:

Material name(EN):

Material name(JP):

Norms/Standards:

Material-No.:

Symbol:

VDA classification:

Search Cancel

Click OK button and the material information is filled.
Please note that the material information is overwritten if it exists.

28 materials found.

Surface treatment	Material name(EN)	Material name(JP)	Norms/Standards	Material-No.	Symbol	VDA classification	IMDS node ID
	Plastics PP (Filled)	-	ISO 1043		PP-\$	5.1a	
	Plastics PP-E (Filled)	-	ISO 1043		PP-E-\$	5.1a	
	Plastics PP-HI (Filled)	-	ISO 1043		PP-HI-\$	5.1a	
	Plastics PPE (Filled)	-	ISO 1043		PPE-\$	5.1a	
	Plastics PPOX (Filled)	-	ISO 1043		PPOX-\$	5.1a	
	Plastics PPS (Filled)	-	ISO 1043		PPS-\$	5.1a	
	Plastics PPSU (Filled)	-	ISO 1043		PPSU-\$	5.1a	
	Plastics PP alloy (Filled)	-	ISO 1043		PP+\$-\$	5.1a	
	Plastics PP-E alloy (Filled)	-	ISO 1043		PP-E+\$-\$	5.1a	
	Plastics PP-HI alloy (Filled)	-	ISO 1043		PP-HI+\$-\$	5.1a	
	Plastics PPE alloy (Filled)	-	ISO 1043		PPE+\$-\$	5.1a	
	Plastics PPOX alloy (Filled)	-	ISO 1043		PPOX+\$-\$	5.1a	
	Plastics PPS alloy (Filled)	-	ISO 1043		PPS+\$-\$	5.1a	
	Plastics PPSU alloy (Filled)	-	ISO 1043		PPSU+\$-\$	5.1a	

Preview OK Cancel

4. JAMA Sheet preparation



Information on the selected material automatically entered

14. Items listed below are automatically entered in the “Data Input Form.”

Constituting material name: Plastics PP (filled)
Material standard: ISO 1043
Material code: PP-\$*
VDA Material classification: 5.1.a

Item No.	1	13	14	15	16	17	18	19
SEQ No.								
1		Plastics PP (Filled)			ISO1043		PP-\$	5.1.a
2								
3								
4								

□ Material codes containing “@” or “\$”

14. Items listed below are automatically entered in the “Data Input Form.”

Constituting material name:	Plastics PP (filled)
Material standard:	ISO 1043
Material code:	PP-\$*
VDA Material classification:	5.1.a

*** When the material code contains “@” or “\$”:**

A \$ sign must be replaced by an appropriate character string. A @ sign must be deleted or replaced by an appropriate character string.

For details, refer to:

- Abridged Manual

- 3) (3) Entering information on materials used in each article
(Standard, code, etc.)

➤ For metals and materials related to plating according to the JIS standards, the codes and names of compounds as specified in the standards are also entered automatically. An appropriate number of rows are copied accordingly.

□ How to handle “@” or “\$” in the material code

15. Replace the “\$” sign in the material code “PP-\$.”

The “\$” sign is intended to represent a shape symbol for metals or filler information for resins.

In the present case, the label base film contains 20% calcium carbonate as the filler (See p. 1, Data input sample).

The form of the filler is “fine grain or powder.”

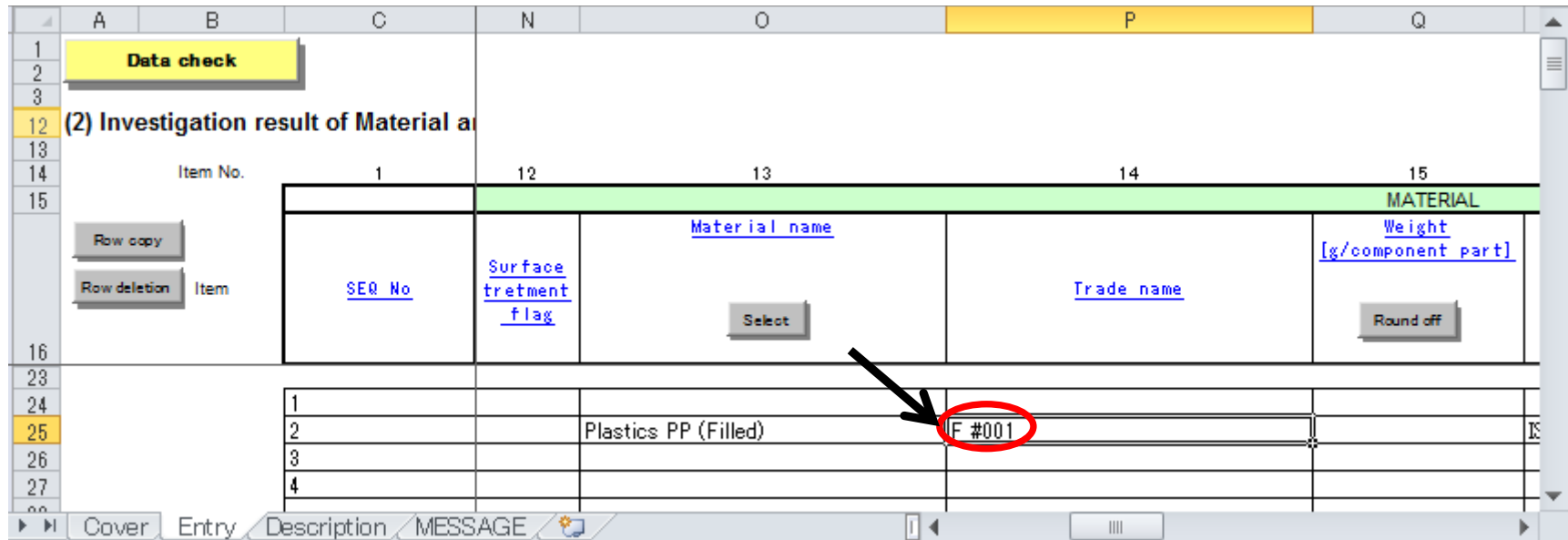
Using the JIS symbols K for calcium carbonate and D for fine grain or powder, the 20% calcium carbonate in the base film is represented by “KD20.”

The material code “PP-\$” is thus replaced by “PP-KD20.”

1	16	17	18	19
SEQ No	Norms/Standards	Material number (Metal or other than plastics or rubber materials)	Material symbol (plastics or rubber)	VDA Classification
1				
2	ISO1043		PP-KD20	5.1a
3				

□ How to enter the material trade name

16. Enter the material trade name for this example F#001 in cell P25.



Item No.	1	12	13	14	15
SEQ No	Surface treatment flag	Material name	Trade name	Weight [g/component part]	MATERIAL
1					
2		Plastics PP (Filled)	F #001		
3					
4					

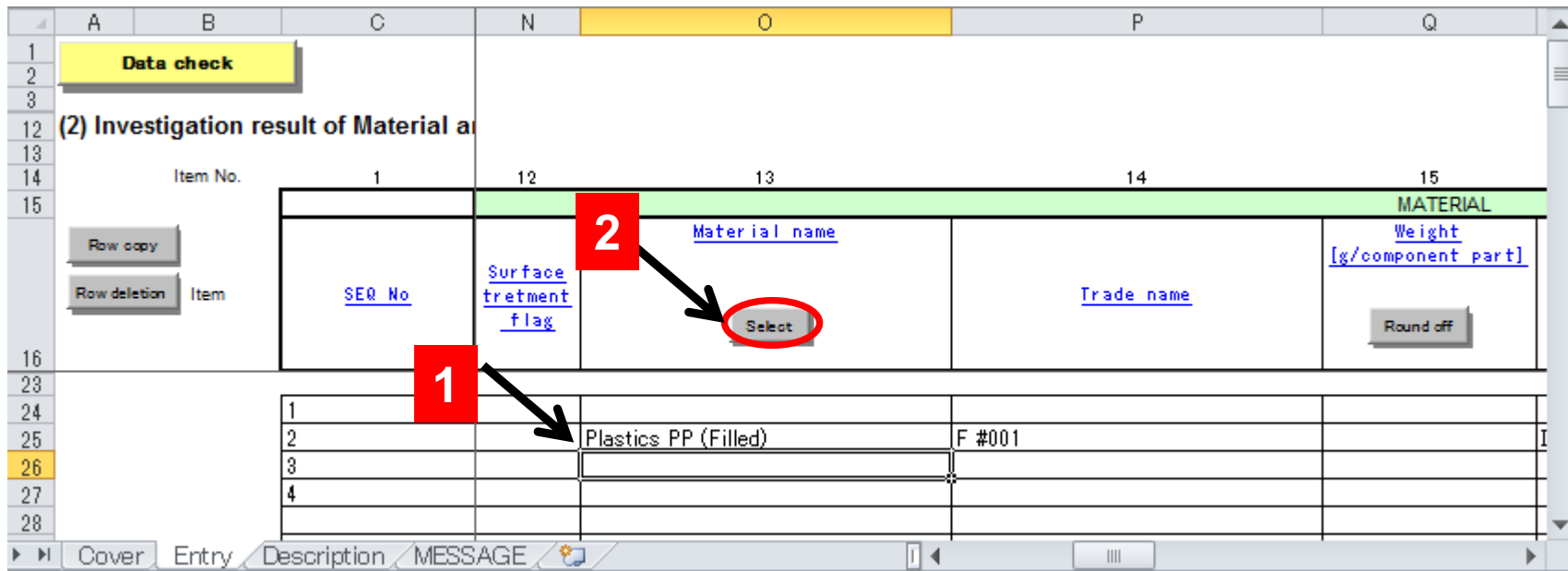
* Input of the material trade name is optional in the JAMA sheet but mandatory in jDesc.
If it is missing, an error is caused when uploading the file.

Each material requires the trade name. If the name does not exist or cannot be disclosed, a serial number may be used for each material for identification.

□ How to enter material information for the adhesive layer

Enter material information for the adhesive layer.

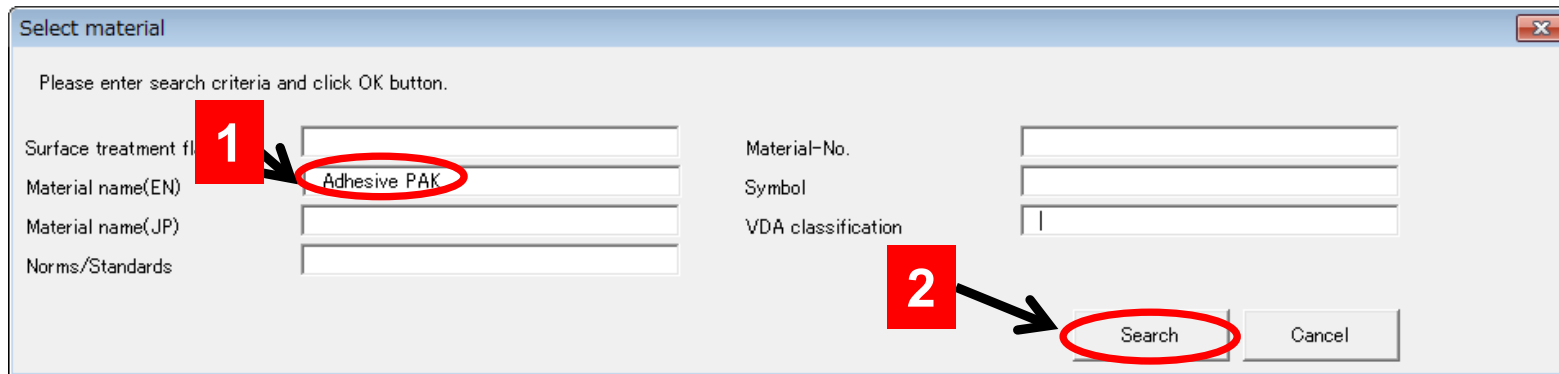
17. Click cell O26; then click “Select” in the constituting material information column.



The screenshot shows a spreadsheet interface with columns A through Q and rows 1 through 28. A yellow box labeled 'Data check' is in cell A1. Row 12 contains the text '(2) Investigation result of Material a'. Row 14 has 'Item No.' in column B and numbers 1, 12, 13, 14, 15 in columns C through G. Row 15 is a header for a table with columns for 'SEQ No', 'Surface treatment flag', 'Material name', 'Trade name', and 'Weight [g/component part]'. A red box with the number '1' points to the 'SEQ No' column, and a red box with the number '2' points to the 'Select' button in the 'Material name' column. Row 26 is highlighted in yellow and contains '1', '2', '3', '4' in columns C through G, and 'Plastics PP (Filled)' and 'F #001' in columns H and I. A 'Round off' button is in the bottom right of the table area.

□ How to conduct search in the window displayed on clicking “Select” in “Constituting material name”

18. In the “Select material” window displayed, enter “Adhesive PAK” in the “Material name” field and click “Search.”



Select material

Please enter search criteria and click OK button.

Surface treatment fl

Material name(EN)

Material name(JP)

Norms/Standards

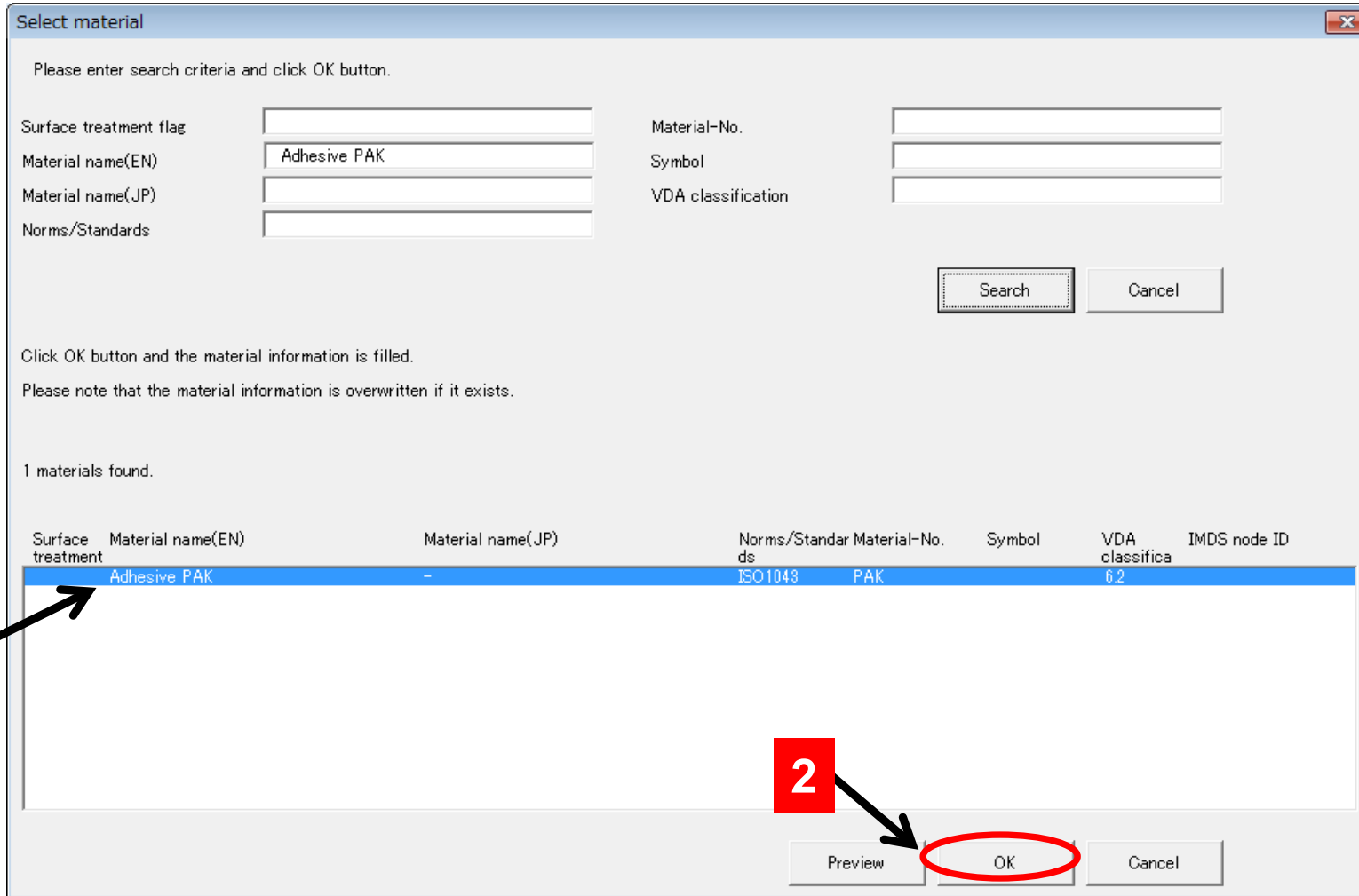
Material-No.

Symbol

VDA classification

□ How to select the relevant material

19. Only one “Adhesive PAK” has been selected. Simply click “OK.”



Select material

Please enter search criteria and click OK button.

Surface treatment flag:

Material name(EN): Adhesive PAK

Material name(JP):

Norms/Standards:

Material-No.:

Symbol:

VDA classification:

Search Cancel

Click OK button and the material information is filled.
Please note that the material information is overwritten if it exists.

1 materials found.

Surface treatment	Material name(EN)	Material name(JP)	Norms/Standards	Material-No.	Symbol	VDA classification	IMDS node ID
	Adhesive PAK	-	ISO1043	PAK		6.2	

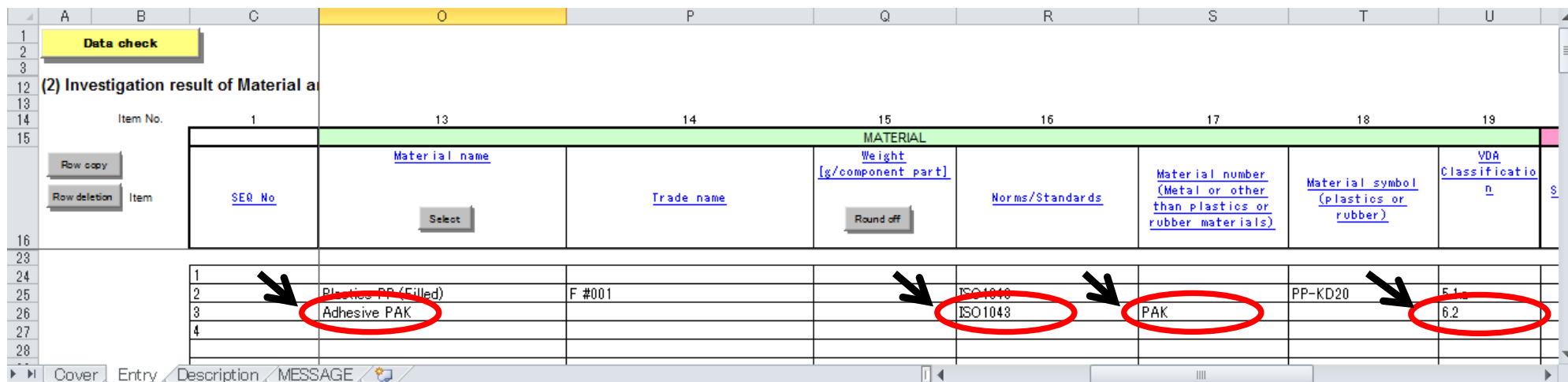
Preview OK Cancel

Information on the selected material automatically entered

20. Items listed below are automatically entered in the “Data Input Form.”

Constituting material name: Adhesive PAK
 Material standard: ISO 1043
 Material code: PAK
 VDA Material classification: 6.2

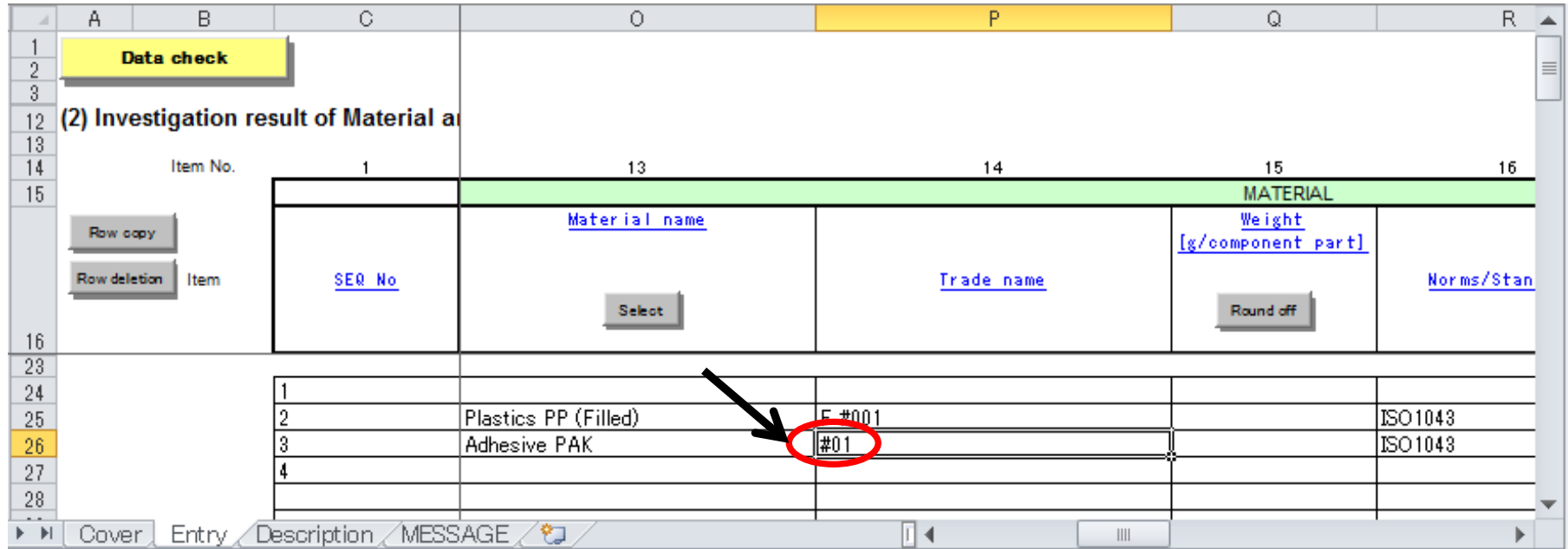
For metals and materials related to plating according to the JIS standards, the codes and names of compounds as specified in the standards are also entered automatically. An appropriate number of rows are copied accordingly.



Item No.	1	13	14	15	16	17	18	19
SEQ. No	Material name	Trade name	Weight [g/component part]	Norms/Standards	Material number (Metal or other than plastics or rubber materials)	Material symbol (plastics or rubber)	VDA Classification	
1	Plastics PP (Filled)	F #001		ISO1043		PP-KD20	6.2	
2	Adhesive PAK			ISO1043	PAK		6.2	
3								
4								

□ How to enter the material trade name

21. Enter the material trade name for this example #01 in cell P26.



Item No.	1	13	14	15	16
SEQ No		Material name	Trade name	Weight [g/component part]	Norms/Stan
1					
2		Plastics PP (Filled)	F #001		ISO1043
3		Adhesive PAK	#01		ISO1043
4					

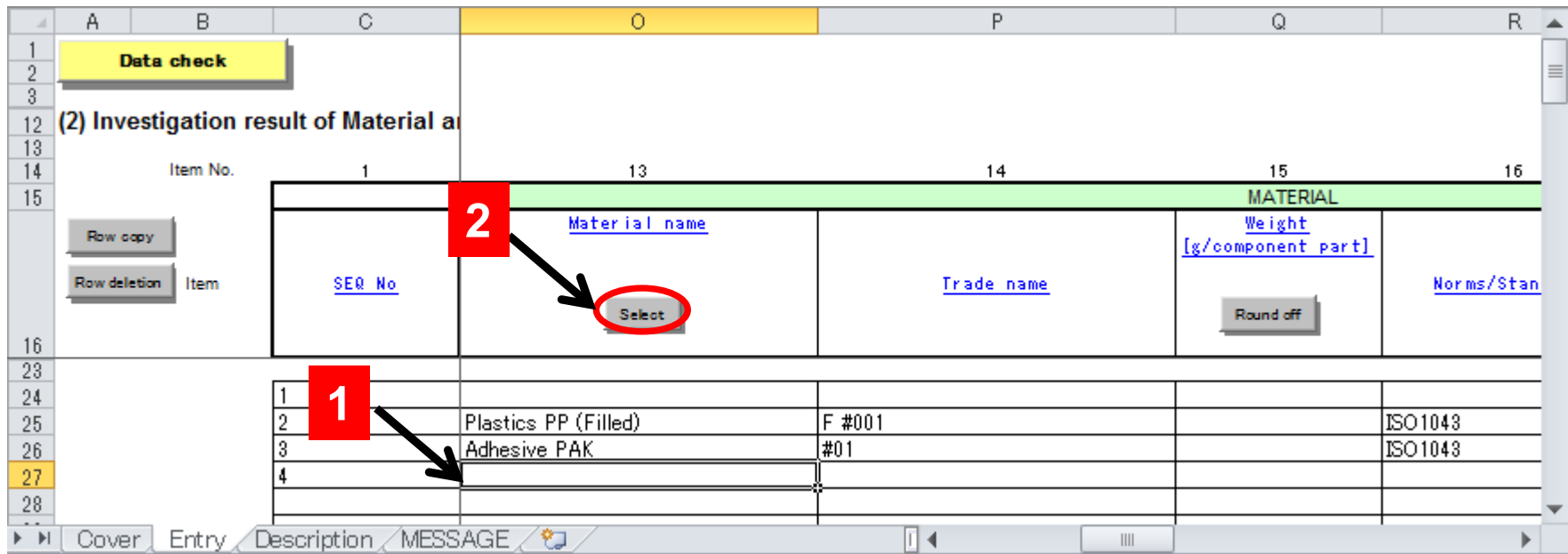
* Input of the material trade name is optional in the JAMA sheet but mandatory in jDesc.
If it is missing, an error is caused when uploading the file.

Each material requires the trade name. If the name does not exist or cannot be disclosed, a serial number may be used for each material for identification.

How to enter material information for the “Label adhesive layer”

Enter material information for the ink.

22. Click cell O27; then click “Select” in the constituting material information column.

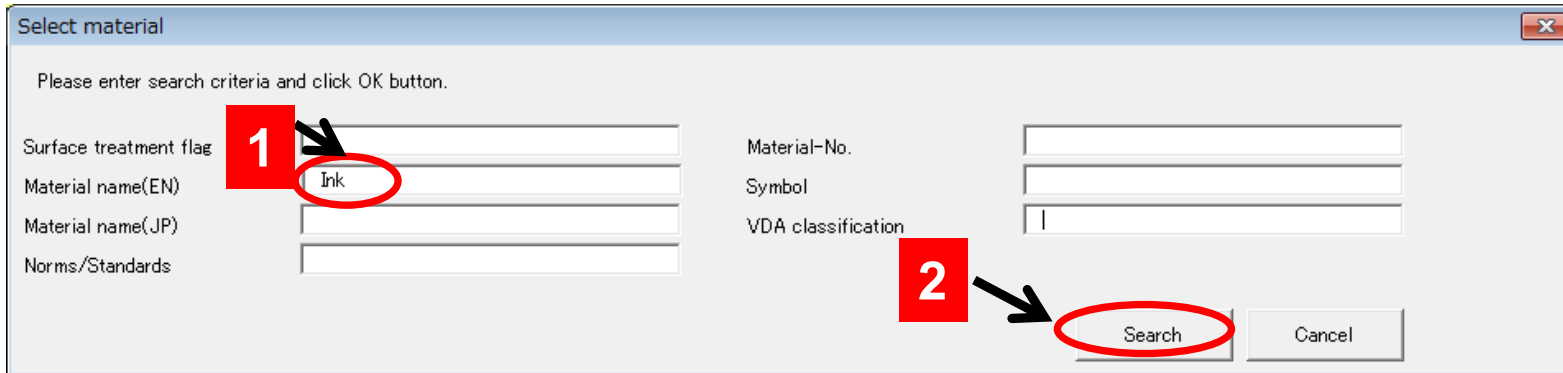


The screenshot displays a software interface with a table for material information. The table has columns for Item No., SER No, Material name, Trade name, Weight [g/component part], and Norms/Stan. A red box labeled '1' points to row 27 in the Item No. column. A red box labeled '2' points to the 'Select' button in the Material name column of row 15. The 'Select' button is circled in red. The table contains the following data:

Item No.	SER No	Material name	Trade name	Weight [g/component part]	Norms/Stan
1					
2		Plastics PP (Filled)	F #001		ISO1043
3		Adhesive PAK	#01		ISO1043
4					

□ How to conduct search in the window displayed upon clicking “Select” in “Constituting material name”

23. In the “Select material” window displayed, enter “Ink” in the “Material name” field and click “Search”.



The screenshot shows a dialog box titled "Select material" with a close button (X) in the top right corner. The dialog contains the following fields and buttons:

- Surface treatment flag:
- Material name(EN): (Annotated with a red square '1' and a red circle around the text 'Ink')
- Material name(JP):
- Norms/Standards:
- Material-No.:
- Symbol:
- VDA classification: (Annotated with a red square '2' and a red circle around the text 'I')
- Search button: (Annotated with a red circle)
- Cancel button:

Instructions: Please enter search criteria and click OK button.

How to select the relevant material

24. Select “Ink” from the list of the materials retrieved, and click “OK.”

Select material

Please enter search criteria and click OK button.

Surface treatment flag

Material name(EN)

Material name(JP)

Norms/Standards

Material-No.

Symbol

VDA classification

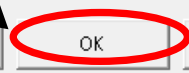
Click OK button and the material information is filled.
Please note that the material information is overwritten if it exists.

2 materials found.

Surface treatment	Material name(EN)	Material name(JP)	Norms/Standards	Material-No.	Symbol	VDA classification	IMDS node ID
	Chain link wire netting	-	JISG3552	\$		1.1.1	
	Ink	-	JAMAA4444	INK		6.1	

1

2



4. JAMA Sheet preparation



Information on the selected material automatically entered

25. Items listed below are automatically entered in the “Data Input Form.”

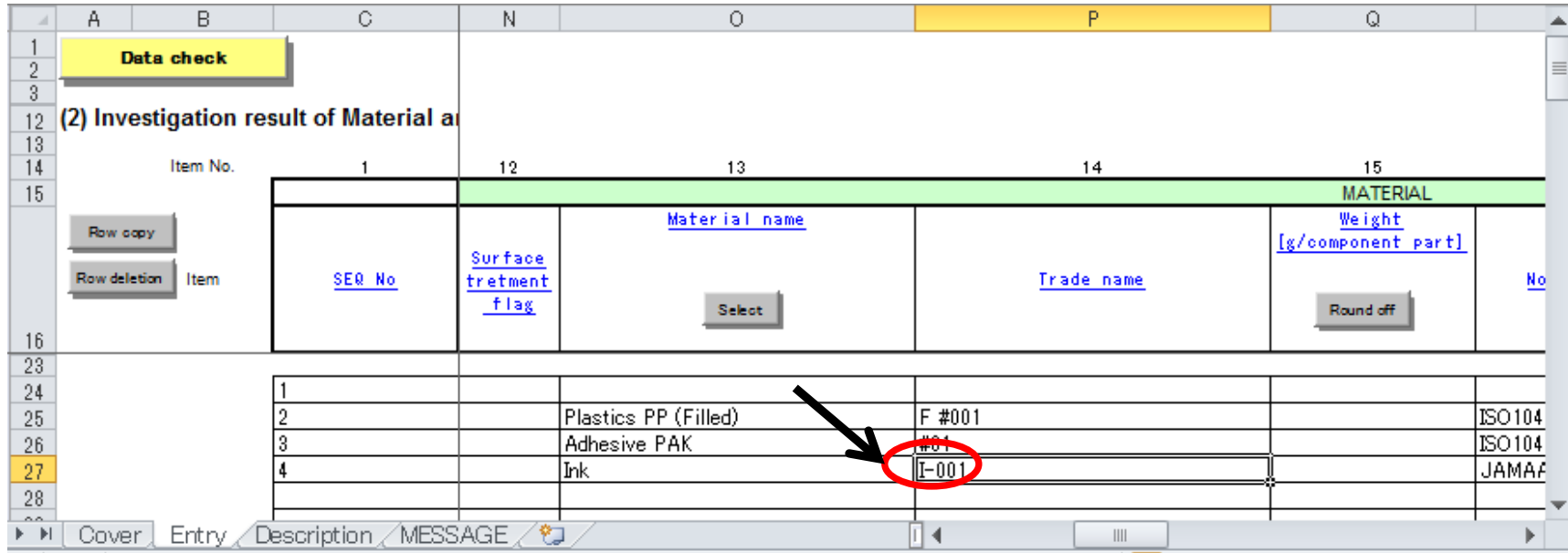
Constituting material name: Ink
Material standard: JAMAA4444
Material code: INK
VDA Material classification: 6.1

For metals and materials related to plating according to the JIS standards, the codes and names of compounds as specified in the standards are also entered automatically. An appropriate number of rows are copied accordingly.

Item No.	SER No.	Material name	Trade name	Weight [g/component part]	Norms/Standards	Material number (Metal or other than plastics or rubber materials)	Material symbol (plastics or rubber)	VDA Classification	Substar count
1									
2		Plastics PP (Filled)				ISO1043		5.1a	
3		Adhesive PAK				ISO1043		6.2	
4		Ink				JAMAA4444	PAK INK	6.1	

How to enter the material trade name

26. Enter the material trade name for this example I-001 in cell P27.



Item No.	1	12	13	14	15
			Material name	Trade name	Weight [g/component part]
SER No.		Surface treatment flag	Select		Round off
1					
2			Plastics PP (Filled)	F #001	ISO104
3			Adhesive PAK	#01	ISO104
4			Ink	I-001	JAMAF

* Input of the material trade name is optional in the JAMA sheet but mandatory in jDesc.
If it is missing, an error is caused when uploading the file.

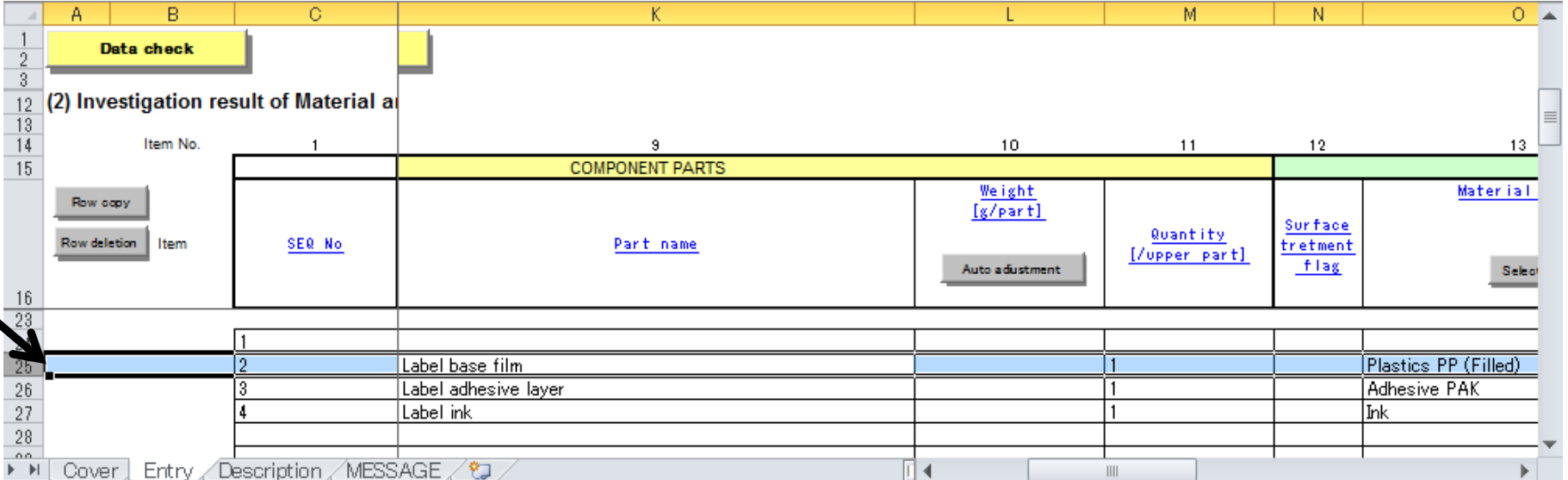
Each material requires the trade name. If the name does not exist or cannot be disclosed, a serial number may be used for each material for identification.

Input of material information completed – Preparation of input of compound information

For efficient data input, first copy the row for material information as many times as the number of compounds.

In this example, click the “Row copy” button twice (since the label base film consists of three compounds: plastic PP, calcium carbonate, and additive). A total of three rows for material information are created.

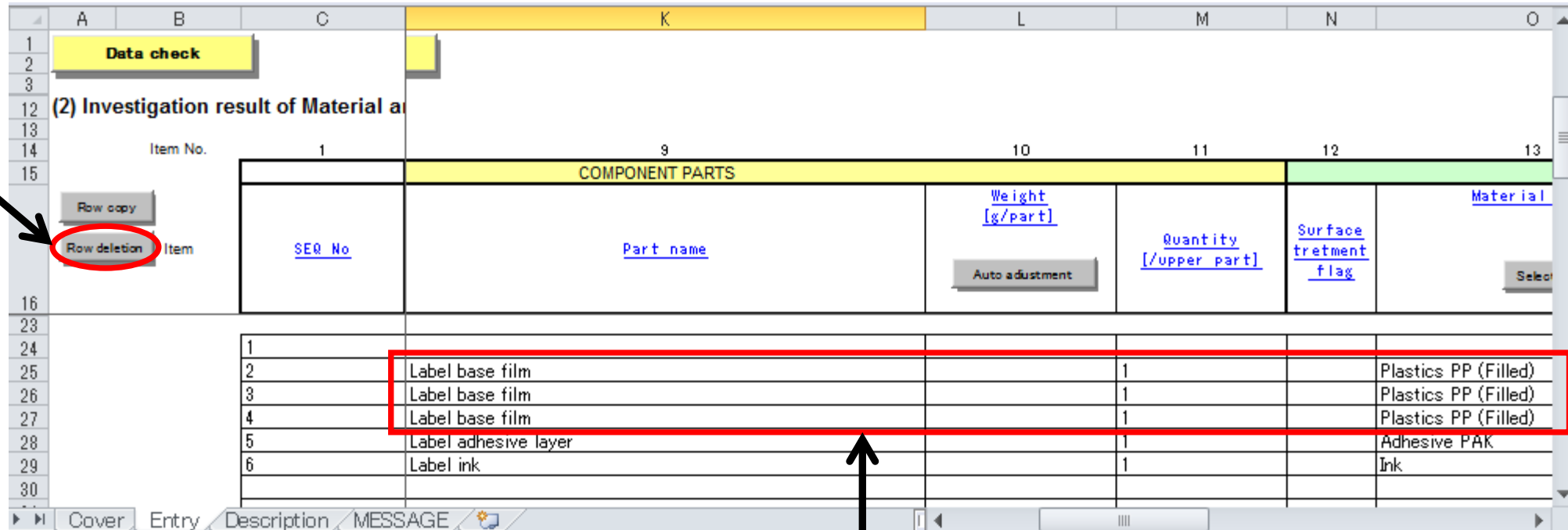
27. Select the entire row 25 (click any cell in the row, then Shift + Space).



Item No.	SER No.	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material
1						
2		Label base film		1		Plastics PP (Filled)
3		Label adhesive layer		1		Adhesive PAK
4		Label ink		1		Ink

□ How to copy a row

28. Click “Row copy” twice to obtain a total of three rows for “Label base film.”



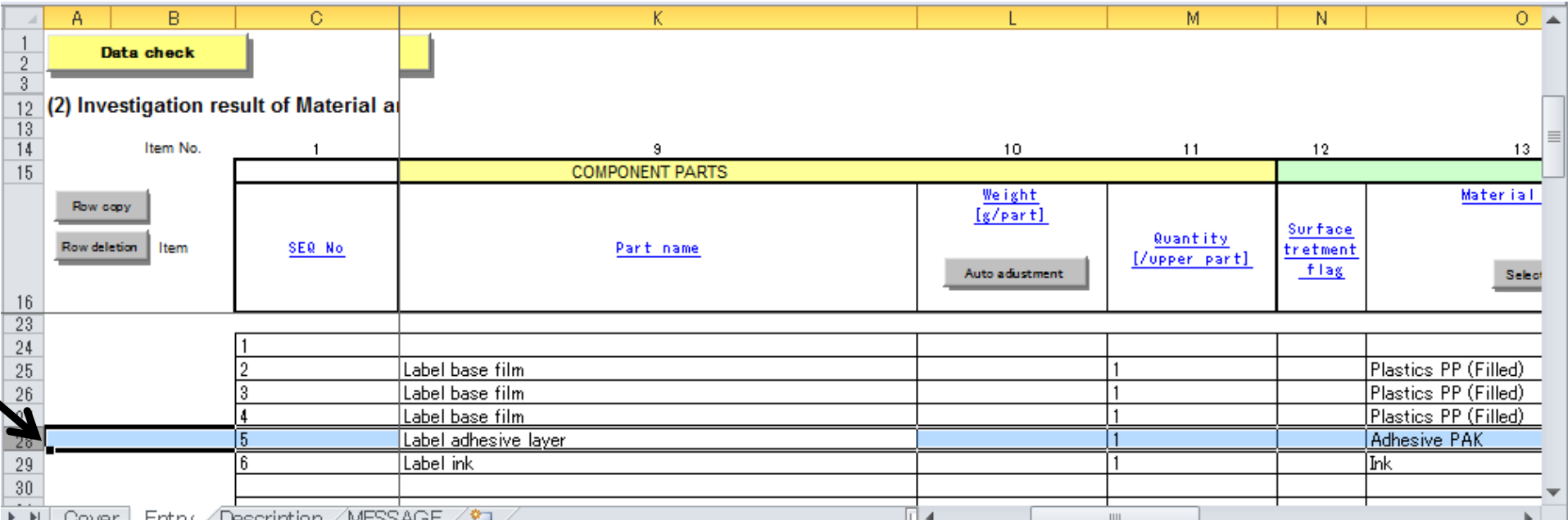
Item No.	1	9	10	11	12	13
SER No.	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material	
1						
2	Label base film		1		Plastics PP (Filled)	
3	Label base film		1		Plastics PP (Filled)	
4	Label base film		1		Plastics PP (Filled)	
5	Label adhesive layer		1		Adhesive PAK	
6	Label ink		1		Ink	

Three rows for “Label base film”

□ How to copy the row for the label adhesive layer

In this example, click the button twice (since the label adhesive layer consists of three compounds: base polymer: PAK, acetic acid ethenyl ester, and additives). A total of three “Label Adhesive layer” rows are created.

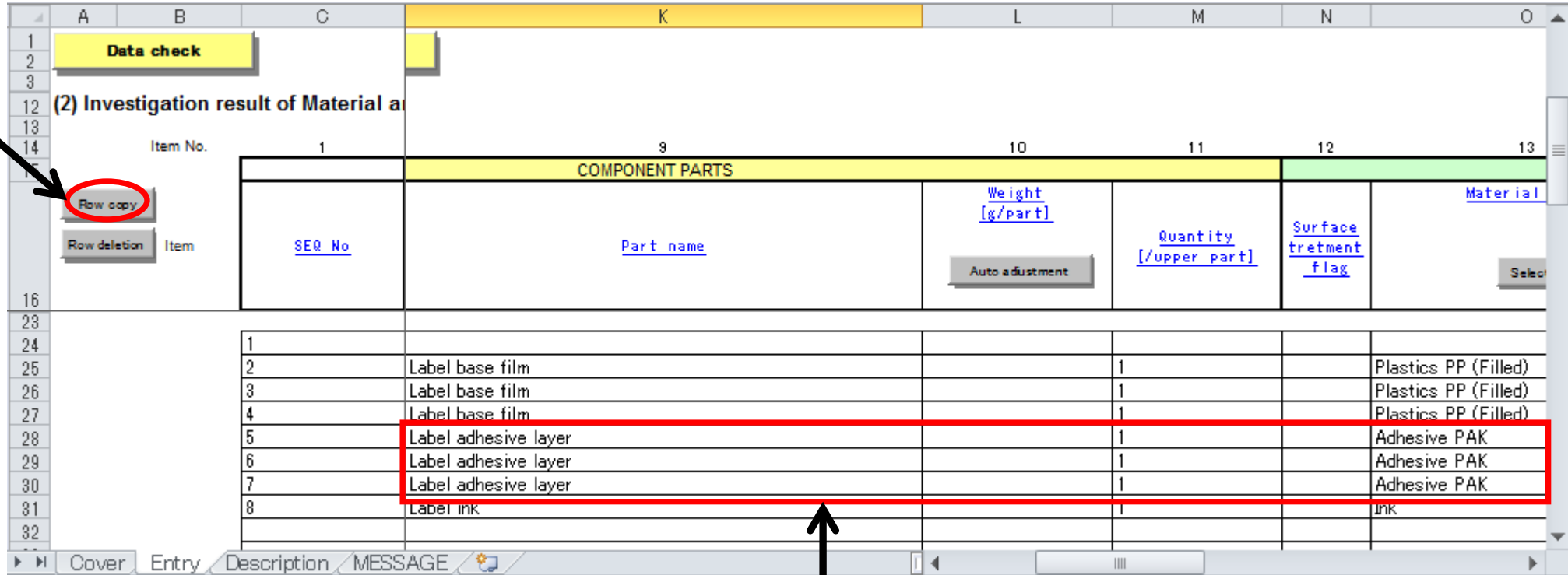
29. Select the entire row 28 (click any cell in the row, then Shift + Space).



Item No.	SER No.	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material
1						
2		Label base film		1		Plastics PP (Filled)
3		Label base film		1		Plastics PP (Filled)
4		Label base film		1		Plastics PP (Filled)
5		Label adhesive layer		1		Adhesive PAK
6		Label ink		1		Ink

How to copy the row for the label adhesive layer (continued)

30. Click “Row copy” twice to obtain a total of three rows for “Label Adhesive layer.”



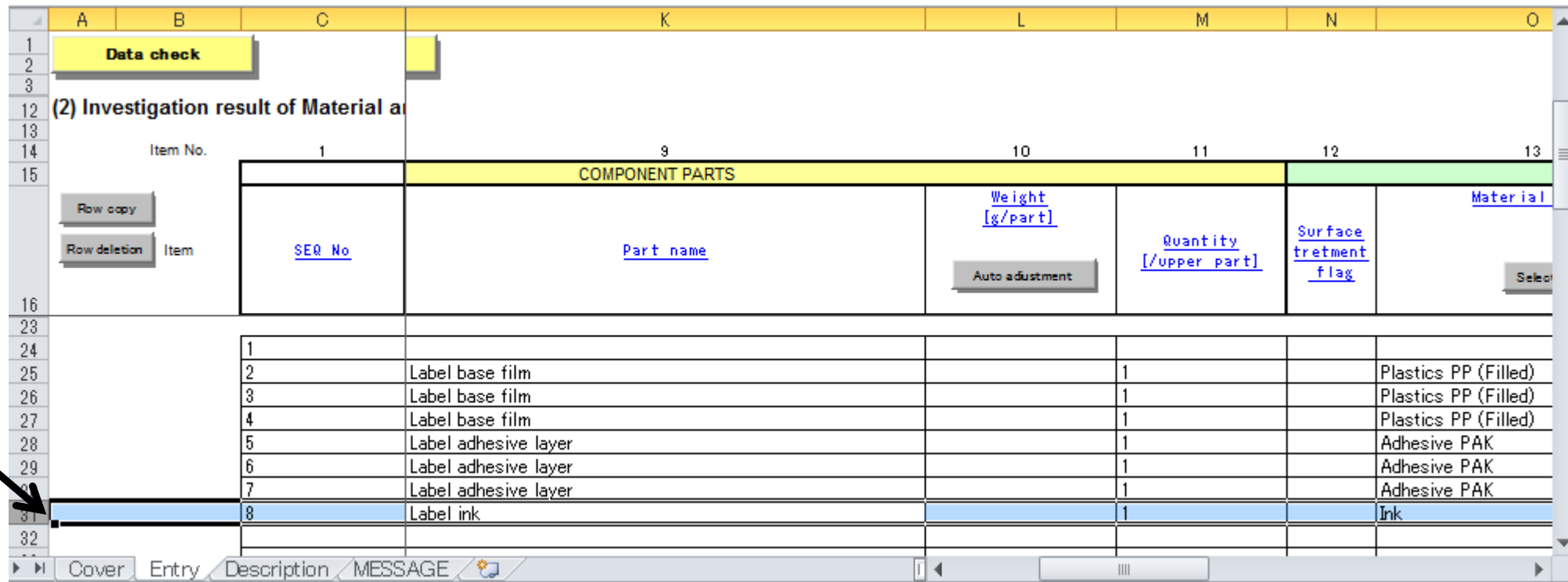
Item No.	SER No.	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material
1						
2		Label base film		1		Plastics PP (Filled)
3		Label base film		1		Plastics PP (Filled)
4		Label base film		1		Plastics PP (Filled)
5		Label adhesive layer		1		Adhesive PAK
6		Label adhesive layer		1		Adhesive PAK
7		Label adhesive layer		1		Adhesive PAK
8		Label ink		1		ink

Three rows for “Label Adhesive layer”

How to copy the row for the label ink

In this example, click the button five times (since the label ink consists of six compounds: polyethylene, Cu phthalocyanin, allyl phthalate, C. I. Pigment Yellow 13, 2-methoxypropyl acetate, and “Misc., not to declare”). A total of six “Label ink” rows are created.

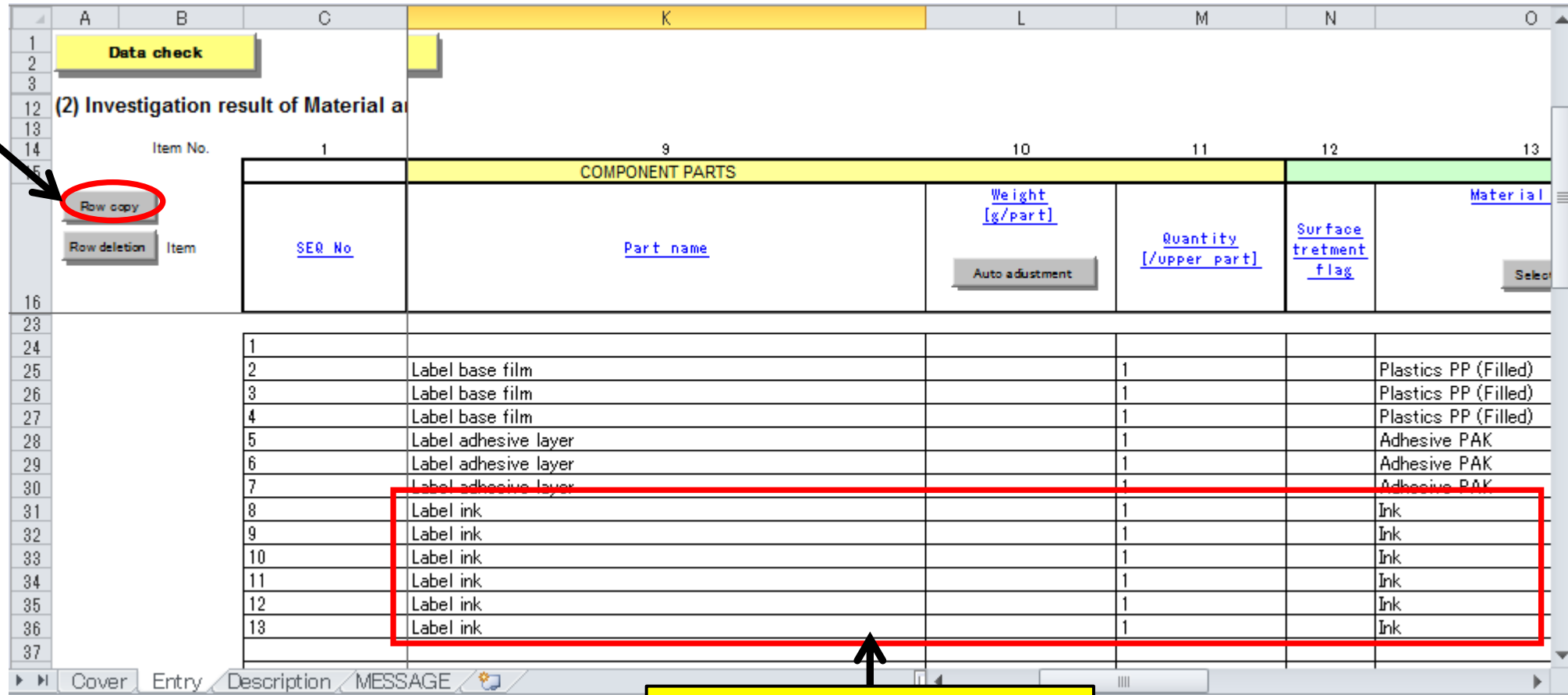
31. Select the entire row 31 (click any cell in the row, then Shift + Space).



Item No.	1	9	10	11	12	13
Item	SEQ No	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material
1						
2		Label base film		1		Plastics PP (Filled)
3		Label base film		1		Plastics PP (Filled)
4		Label base film		1		Plastics PP (Filled)
5		Label adhesive layer		1		Adhesive PAK
6		Label adhesive layer		1		Adhesive PAK
7		Label adhesive layer		1		Adhesive PAK
8		Label ink		1		Ink

How to copy the row for the label ink (continued)

32. Click “Row copy” five times to obtain a total of six rows for “Label ink.”



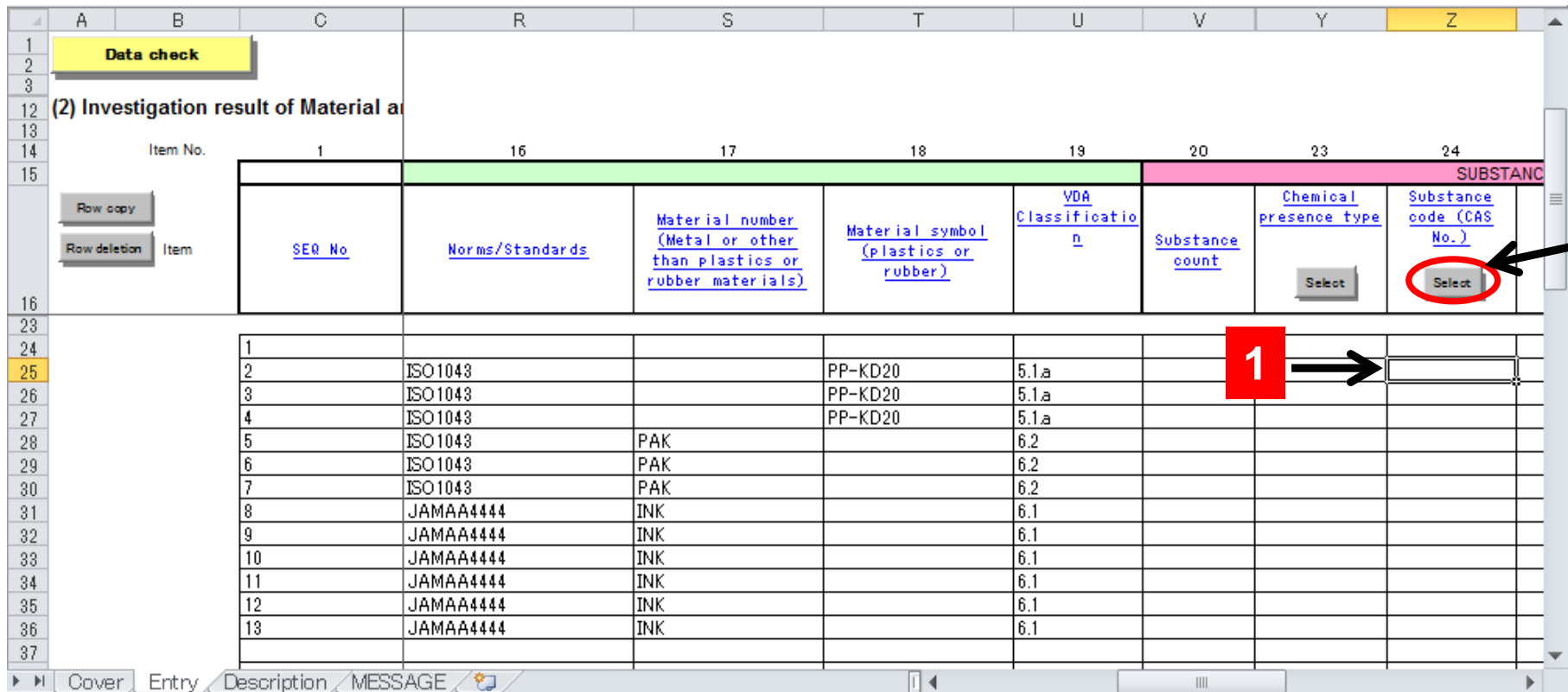
Item No.	1	9	10	11	12	13
SEQ No	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Material	
1						
2	Label base film		1		Plastics PP (Filled)	
3	Label base film		1		Plastics PP (Filled)	
4	Label base film		1		Plastics PP (Filled)	
5	Label adhesive layer		1		Adhesive PAK	
6	Label adhesive layer		1		Adhesive PAK	
7	Label adhesive layer		1		Adhesive PAK	
8	Label ink		1		Ink	
9	Label ink		1		Ink	
10	Label ink		1		Ink	
11	Label ink		1		Ink	
12	Label ink		1		Ink	
13	Label ink		1		Ink	

Six rows for “Label ink”

How to enter compound information for each material

Enter compound information for the label base film.

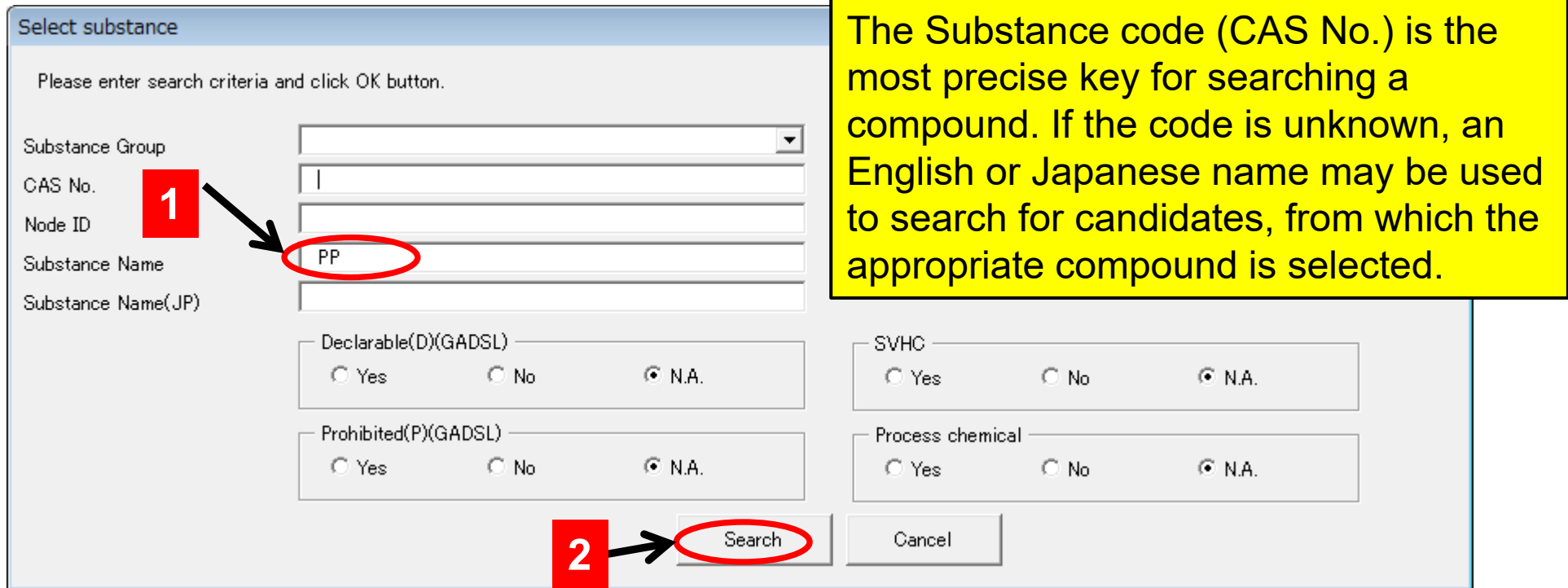
33. Click cell Z25; then click “Select” for the compound code.



Item No.	16	17	18	19	20	23	24
SER No.	Norms/Standards	Material number (Metal or other than plastics or rubber materials)	Material symbol (plastics or rubber)	VDA Classification	Substance count	Chemical presence type	Substance code (CAS No.)
1							
2	ISO1043		PP-KD20	5.1a			
3	ISO1043		PP-KD20	5.1a			
4	ISO1043		PP-KD20	5.1a			
5	ISO1043	PAK		6.2			
6	ISO1043	PAK		6.2			
7	ISO1043	PAK		6.2			
8	JAMAA4444	INK		6.1			
9	JAMAA4444	INK		6.1			
10	JAMAA4444	INK		6.1			
11	JAMAA4444	INK		6.1			
12	JAMAA4444	INK		6.1			
13	JAMAA4444	INK		6.1			

How to conduct search in the window displayed upon clicking “Select” in “substance code”

34. In the “Select substance” window displayed, enter “PP” in the “Substance Name” field and click “Search.”



The Substance code (CAS No.) is the most precise key for searching a compound. If the code is unknown, an English or Japanese name may be used to search for candidates, from which the appropriate compound is selected.

How to select the relevant compound

35. Select “Plastic: PP” for this example from the list of the compounds retrieved, and click “OK.”

Select substance

Please enter search criteria and click OK button.

Substance Group:

CAS No.:

Node ID:

Substance Name:

Substance Name(JP):

Declarable(D)(GADSL): Yes No N.A.

SVHC: Yes No N.A.

Prohibited(P)(GADSL): Yes No N.A.

Process chemical: Yes No N.A.

338 substances found.

CAS No.	Substance Name	Substance Name(JP)	Node ID	declarable(D)	prohibited(P)	SVHC	Process chemical
-	PPy	ポリピロール	1331385				
-	Basic Polymer: PP	基本ポリマー: ポリプロピレン樹脂:PP	1351222				
-	Plastic: PP	プラスチック: ポリプロピレン樹脂:PP	1351222				
-	PP	ポリプロピレン樹脂:PP	1351222				
-	Basic Polymer: PPE	基本ポリマー: ポリフェニレンエーテル樹脂:PPE	1351235				
-	Plastic: PPE	プラスチック: ポリフェニレンエーテル樹脂:PPE	1351235				
-	PPE	ポリフェニレンエーテル樹脂:PPE	1351235				
-	Basic Polymer: PPS	基本ポリマー: ポリフェニレンスルフィド樹脂:PPS	1351244				
-	Plastic: PPS	プラスチック: ポリフェニレンスルフィド樹脂:PPS	1351244				
-	PPS	ポリフェニレンスルフィド樹脂:PPS	1351244				
7481-27-8	Copper bis(O,O-diisopropyl) bis(dithiocarbamate)	ビス(ジイソプロピルジチオン酸)銅(Ⅱ)	1397358				
7481-27-8	Phosphorodithioic acid, O,O-bis(1-isopropyl) ester,	ビス(ジイソプロピルジチオン酸)銅(Ⅱ)	1397358				
15680-42-9	[1-[[[2-Hydroxyphenyl]imino]methyl]-2-naphtholato]	[1-[[[2-ヒドロキシフェニル]イミノ]メチル]-2-ナフトレート]	1747869				
15680-42-9	Copper, [1-[[[2-hydroxyphenyl]imino]methyl]-2-naphtho]	[1-[[[2-ヒドロキシフェニル]イミノ]メチル]-2-ナフトレート]	1747869				

1

2

Information on the selected material automatically entered

36. Items listed below are automatically entered in the “Data Input Form.”

Compound code: -
 Compound name: Plastic: PP
 Node ID (compound): 1351222

1	20	23	24	25	26	47	48
SUBSTANCE						MATERIAL	
SEQ No	Substance count	Chemical presence type <input type="button" value="Select"/>	Substance code (CAS No.) <input type="button" value="Select"/>	Substance name	Portion	IMDS node ID (substance)	Internal Mat.-No.
1							
2			-	Plastic: PP	77	1351222	
3							
4							
5							
6							
7							
8							
9							
10							

37. Enter the concentration of the compound in the constituting material.
 In this example, enter 77 (in one-byte numeric characters) according to the “Plastic: PP” content of 77%.

How to conduct search in the window displayed upon clicking “Select” in “compound code”

38. Similarly, enter the compound information below in row 26.

Compound code: 471-34-1
Compound name: Calcium carbonate
Concentration: 20

Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 471-34-1

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

Search Cancel

Use the compound code (CAS No.) 471-34-1 as the search key.

4. JAMA Sheet preparation



39. Similarly, enter the compound information below in row 27.

Compound code: system *
Compound name: Additives, not to declare
Concentration: 3

* **Wildcard compound:** compound for which the code is “system.” See explanation of wildcard compounds (p. 28).

The concentration of any compound with the code “system” should not exceed 10%.

Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No.

Node ID

Substance Name **1** → Additives

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

2 → Search

Cancel

Use the compound name “Additives” as the search key.

4. JAMA Sheet preparation



40. Input of the compound information for the Label base film is now completed.

1	18	19	20	23	24	25	26
SEQ No	Material symbol (plastics or rubber)	VDA Classification n	Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion
				Select	Select		
1							
2	PP-KD20	5.1a			-	Plastic: PP	77
3	PP-KD20	5.1a			471-34-1	Calcium-carbonate	20
4	PP-KD20	5.1a			system	Additives, not to declare	3
5		6.2					
6		6.2					
7		6.2					
8		6.1					
9		6.1					
10		6.1					

How to conduct search in the window displayed upon clicking “Select” in “compound code”

Enter the compound information for the label adhesive layer.

41. Similarly, enter the compound information below in row 28.

Compound code: -
Compound name: Basic Polymer: PAK
Concentration: 97

Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No.

Node ID

Substance Name **1** → PAK

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

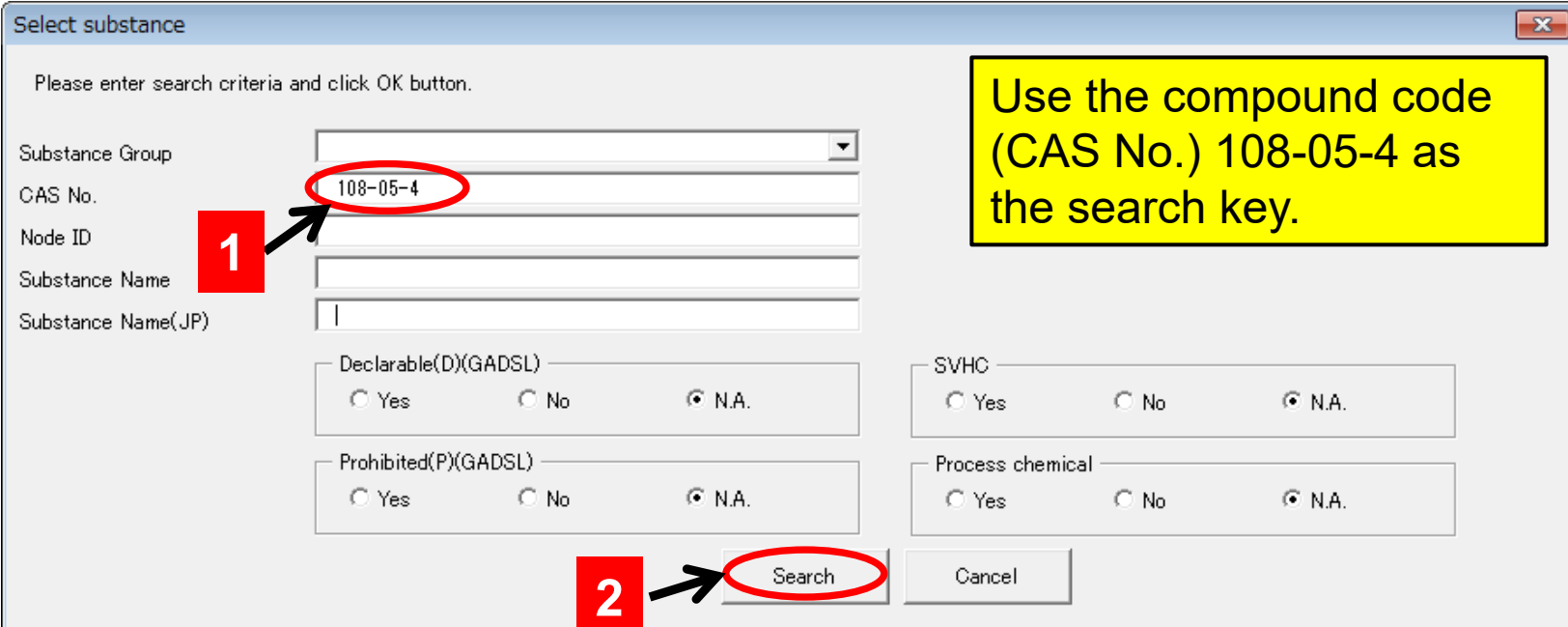
Process chemical
 Yes No N.A.

2 → Search Cancel

Use the compound name “PAK” as the search key.

42. Similarly, enter the compound information below in row 29.

Compound code: 108-05-4
Compound name: Acetic acid ethenyl ester
Concentration: 0.05



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 108-05-4

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

Search Cancel

Use the compound code (CAS No.) 108-05-4 as the search key.

4. JAMA Sheet preparation



43. Select “Acetic acid ethenyl ester” for this example from the list of compounds retrieved, and click “OK.”

Select substance

Please enter search criteria and click OK button.

Substance Group:

CAS No.: 108-05-4

Node ID:

Substance Name:

Substance Name(JP):

Declarable(D)(GADSL): Yes No N.A.

SVHC: Yes No N.A.

Prohibited(P)(GADSL): Yes No N.A.

Process chemical: Yes No N.A.

4 substances found.

CAS No.	Substance Name	Substance Name(JP)	Node ID	declarable(D)	prohibited(P)
108-05-4	Acetic acid ethenyl ester	酢酸エチレン	3361		
108-05-4	Acetic acid, vinyl ester	酢酸ビニル	3361		
108-05-4	Acetoxyethene	酢酸エチレン	3361		
108-05-4	Vinyl acetate	酢酸ビニル	3361		

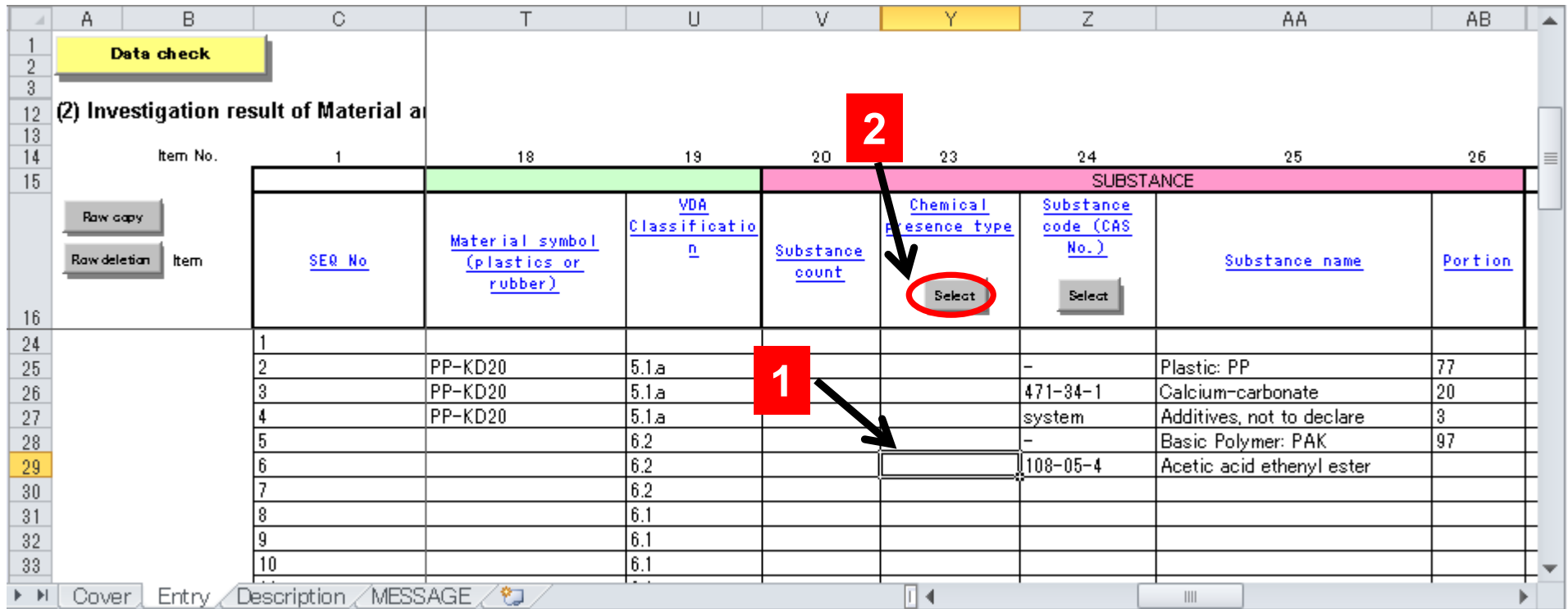
A pop-up window warns that acetic acid ethenyl ester is a process chemical. Click OK. Check if it is contained in the final product. **Enter the “Category of process chemical” only if it is contained in the final product.**

Warning

You are adding a basic substance that is typically consumed or reacted during manufacturing and does not appear in the finished product. Are you sure this substance remains in the finished product? If OK, then please specify the presence type of process chemical. Click Cancel if you do not add the tree structure.

How to enter the “Category of process chemical”

44. Click “Category of process chemical” (cell Y29); then click “Select.”



SEQ No	Material symbol (plastics or rubber)	VDA Classification	Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion
1							
2	PP-KD20	5.1.a			-	Plastic: PP	77
3	PP-KD20	5.1.a			471-34-1	Calcium-carbonate	20
4	PP-KD20	5.1.a			system	Additives, not to declare	3
5		6.2			-	Basic Polymer: PAK	97
6		6.2			108-05-4	Acetic acid ethenyl ester	
7		6.2					
8		6.1					
9		6.1					
10		6.1					

4. JAMA Sheet preparation



45. A window for selecting the category of process chemical appears. Select the relevant category and click “OK.”

Select the presence type of process chemical

Please select the presence type of process chemical and click OK button.

1 → [1] Intended use
 [2] Reaction residue
 [3] Impurity

2 →

For this example, select “1” for “Intended use.”

46. “1” for “Intended use” is entered.

Item No.	1	18	19	20	23	24	25	26
SER No	Material symbol (plastics or rubber)	YDA Classification	Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion	
1								
2	PP-KD20	5.1.a			-	Plastic: PP	77	
3	PP-KD20	5.1.a			471-34-1	Calcium-carbonate	20	
4	PP-KD20	5.1.a			system	Additives, not to declare	3	
5		6.2				Basic Polymer: PAK	97	
29		6.2			08-05-4	Acetic acid ethenyl ester		
6		6.2						
7		6.2						
8		6.1						
9		6.1						
10		6.1						

4. JAMA Sheet preparation



How to conduct search in the window displayed on clicking “Select” in “compound code”

47. Enter the compound information below in row 30.

Compound code: system *
Compound name: Additives, not to declare
Concentration: 2.955

*** Wildcard compound:**
compound for which the code is
“system.” See explanation of
wildcard compounds (p. 28).

The concentration of any compound with the code “system” should not exceed 10%.

Select substance

Please enter search criteria and click OK button.

Substance Group: []

CAS No.: [|]

Node ID: []

Substance Name: **1** → Additives

Substance Name(JP): []

Declarable(D)(GADSL):
 Yes No N.A.

Prohibited(P)(GADSL):
 Yes No N.A.

SVHC:
 Yes No N.A.

Process chemical:
 Yes No N.A.

2 → Search

Cancel

Use the compound name
“Additives” as the search key.

4. JAMA Sheet preparation



48. Input of the compound information for the Label adhesive layer is now completed.

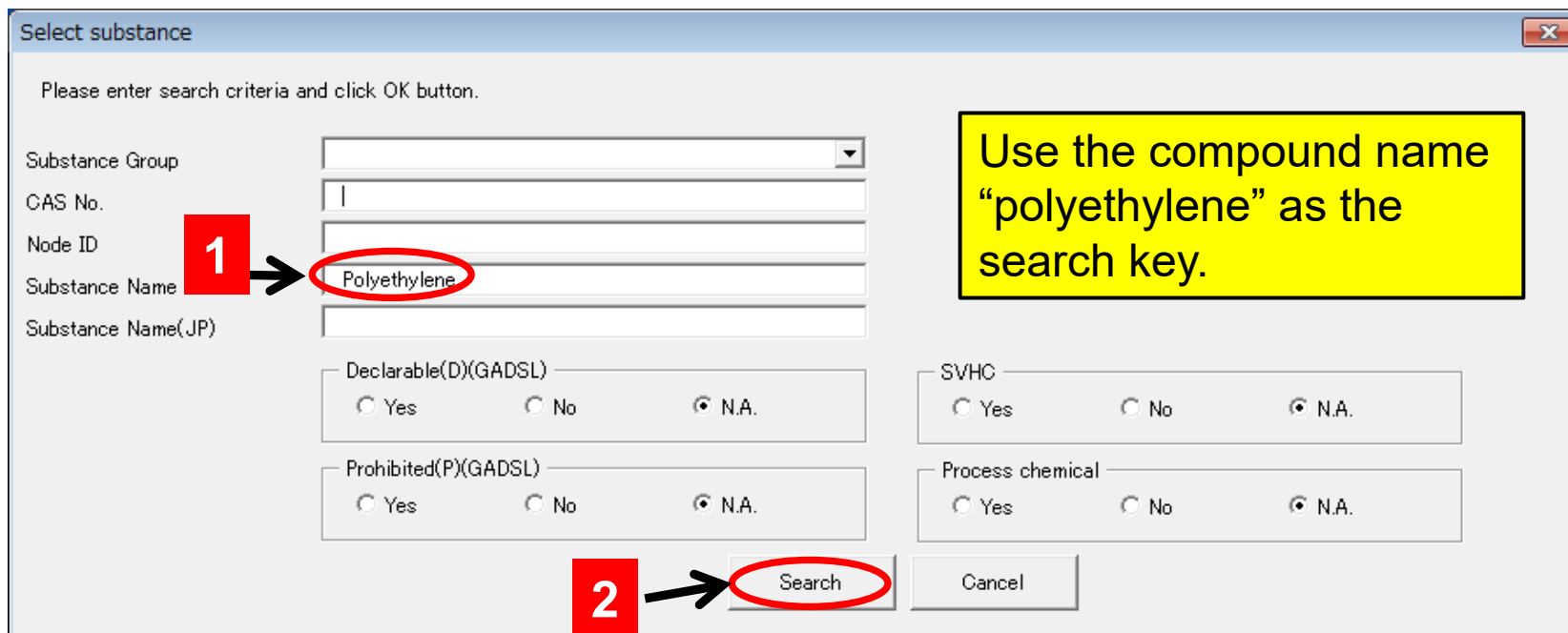
1	19	20	23	24	25	26
<u>SEQ No</u>	<u>VDA Classification</u>	SUBSTANCE				
	<u>n</u>	<u>Substance count</u>	<u>Chemical presence type</u> <input type="button" value="Select"/>	<u>Substance code (CAS No.)</u> <input type="button" value="Select"/>	<u>Substance name</u>	<u>Portion</u>
1						
2	5.1.a			-	Plastic: PP	77
3	5.1.a			471-34-1	Calcium-carbonate	20
4	5.1.a			system	Additives, not to declare	3
5	6.2			-	Basic Polymer: PAK	97
6	6.2		1	108-05-4	Acetic acid ethenyl ester	0.05
7	6.2			system	Additives, not to declare	2.95
8	6.1					
9	6.1					
10	6.1					

How to conduct search in the window displayed upon clicking “Select” in “compound code”

Enter the compound information for the “Label ink.”

49. Enter the compound information below in row 31.

Compound code: -
Compound name: Polyethylene
Concentration: 53



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No.

Node ID

Substance Name **1** → Polyethylene

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

Process chemical
 Yes No N.A.

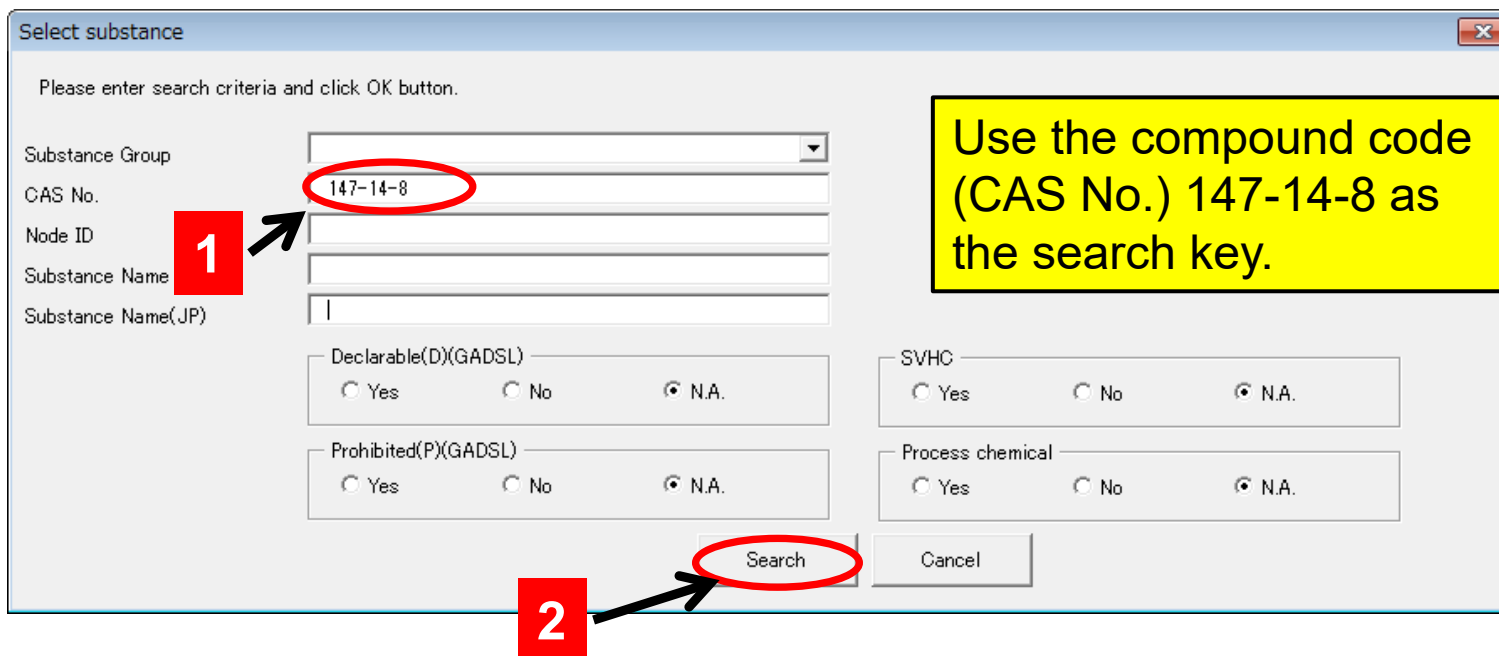
2 → Search Cancel

Use the compound name “polyethylene” as the search key.

How to conduct search in the window displayed upon clicking “Select” in “compound code”

50. Similarly, enter the compound information below in row 32.

Compound code: 147-14-8
Compound name: Cu Phthalocyanin
Concentration: 10



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 147-14-8

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

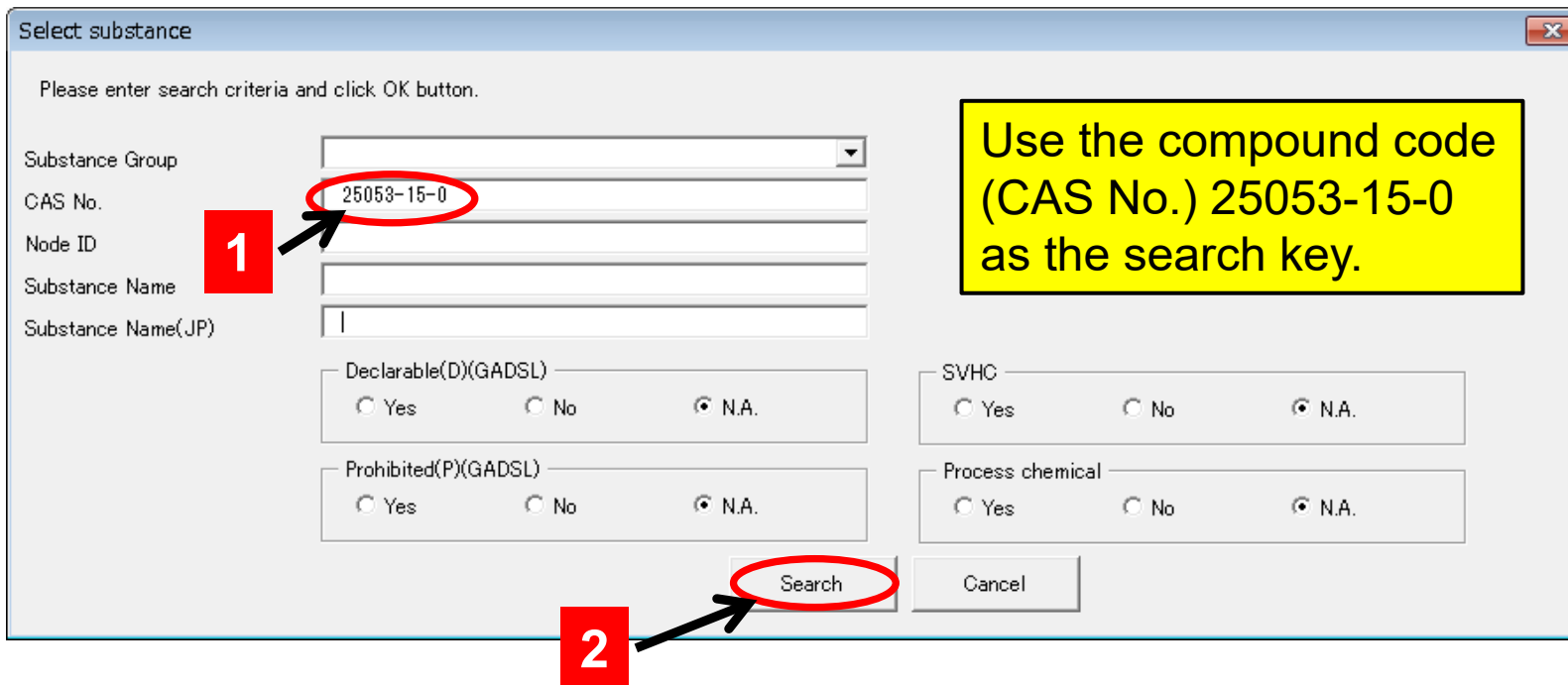
Search Cancel

Use the compound code (CAS No.) 147-14-8 as the search key.

How to conduct search in the window displayed upon clicking “Select” in “compound code”

51. Similarly, enter the compound information below in row 33.

Compound code: 25053-15-0
Compound name: Allyl phthalate, homopolymer
Concentration: 15



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 25053-15-0

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

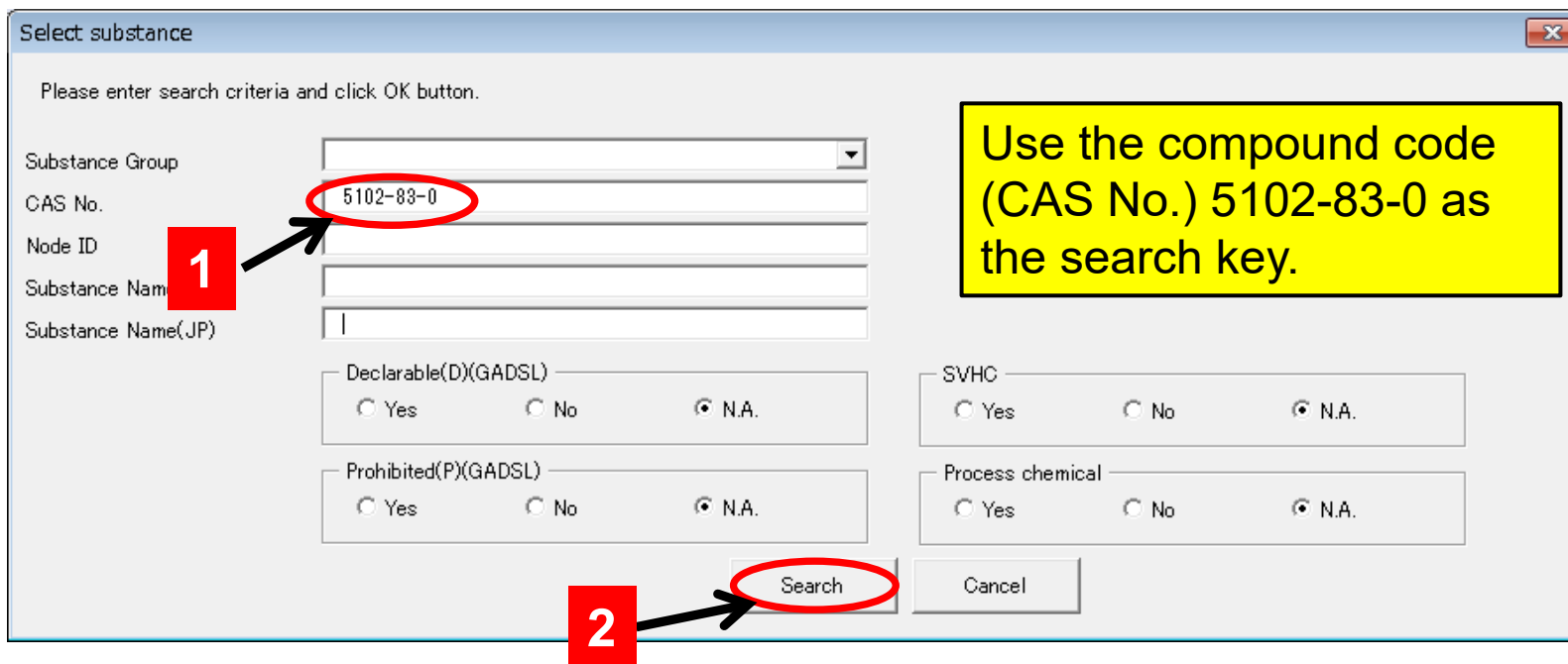
Search Cancel

Use the compound code (CAS No.) 25053-15-0 as the search key.

How to conduct search in the window displayed upon clicking “Select” in “compound code”

52. Similarly, enter the compound information below in row 34.

Compound code: 5102-83-0
Compound name: C. I. Pigment yellow 13
Concentration: 10



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 5102-83-0

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

Process chemical
 Yes No N.A.

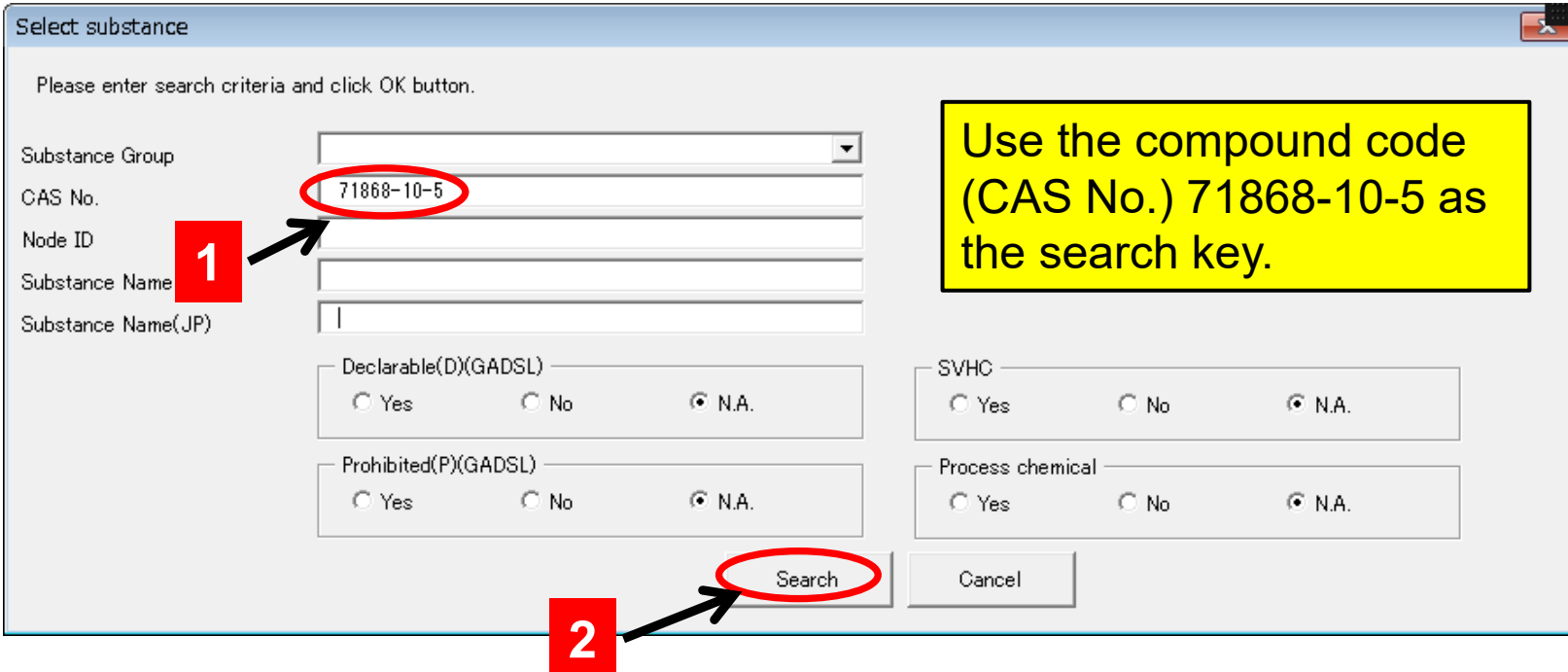
Search Cancel

Use the compound code (CAS No.) 5102-83-0 as the search key.

How to conduct search in the window displayed upon clicking “Select” in “compound code”

53. Similarly, enter the compound information below in row 35.

Compound code: 71868-10-5
Compound name: 2-Methoxypropyl acetate
Concentration: 5



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No. 71868-10-5

Node ID

Substance Name

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

Search Cancel

Use the compound code (CAS No.) 71868-10-5 as the search key.

How to select the appropriate compound

Description of the warning window for process chemicals

54. Select “2-Methoxypropyl acetate” for this example from the list of compounds retrieved, and click “OK.”

A pop-up window warns that 2-Methoxypropyl acetate is a process chemical. Click OK. Check if it is contained in the final product. **Enter the “Category of process chemical” only if it is contained in the final product.**

Select substance

Please enter search criteria and click OK button.

Substance Group:

CAS No.:

Node ID:

Substance Name:

Substance Name(JP):

Declarable(D)(GADSL): Yes No N.A.

SVHC: Yes No N.A.

Prohibited(P)(GADSL): Yes No N.A.

Process chemical: Yes No N.A.

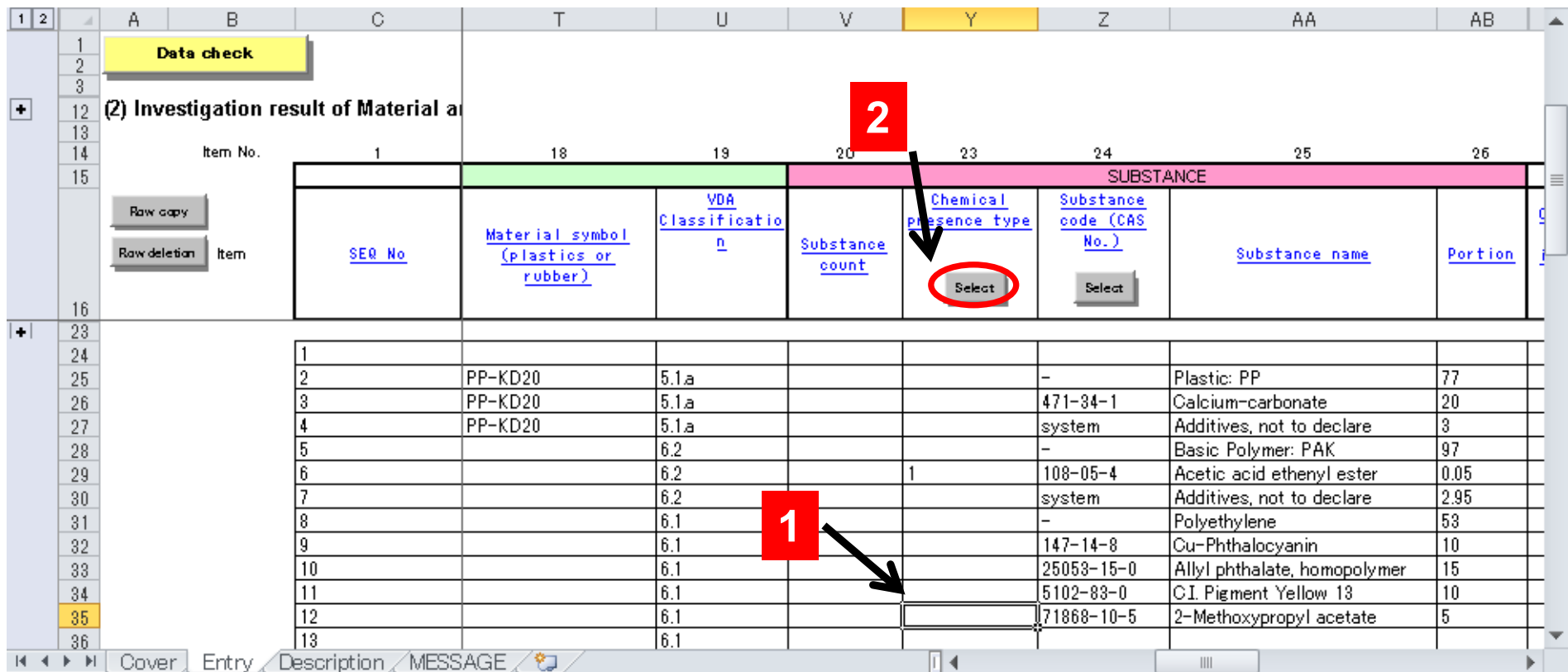
3 substances found.

CAS No.	Substance Name	Substance Name(JP)	Node ID	declarable(D)	prohibited(P)	SVHC	Process chemical
71868-10-5	2-Methoxypropyl acetate	イルガキユア907(別名酢酸2-メトキシプロピル)	461				Yes
71868-10-5	2-Methoxypropyl-1-acetate	イルガキユア907(別名酢酸2-メトキシプロピル)	461				Yes
71868-10-5	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropyl acetate	イルガキユア907(別名酢酸2-メトキシプロピル)	461				Yes

Are you adding a basic substance that is typically consumed or reacted during manufacturing and does not appear in the finished product? If you are not sure this substance remains in the finished product, please specify the presence type of process chemical. Cancel if you do not add this substance to the tree structure.

How to enter the “Category of process chemical”

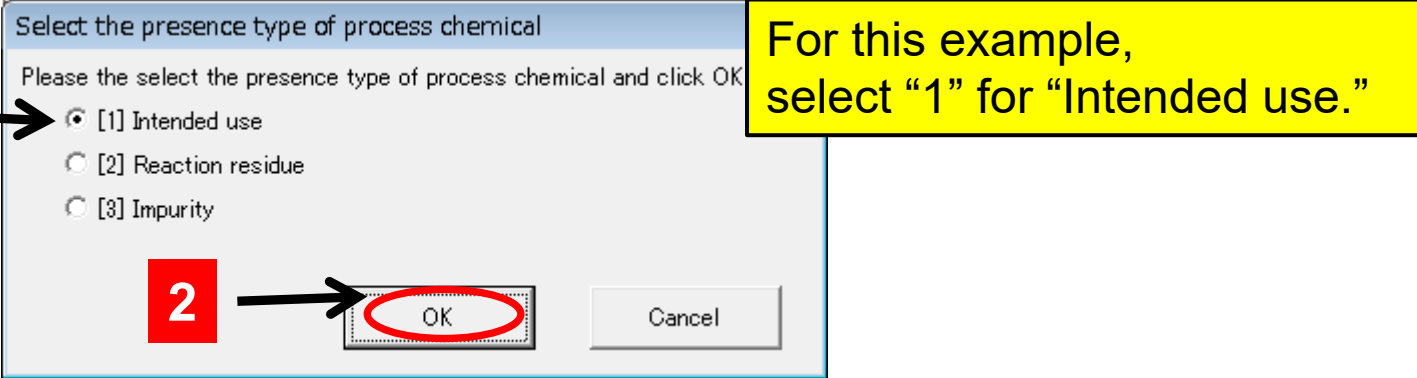
55. Click “Category of process chemical” (cell Y35); then click “Select.”



Item No.	1	18	19	20	23	24	25	26
SEQ No	Material symbol (plastics or rubber)	VDA Classification	Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion	
1								
2	PP-KD20	5.1.a			-	Plastic: PP	77	
3	PP-KD20	5.1.a			471-34-1	Calcium-carbonate	20	
4	PP-KD20	5.1.a			system	Additives, not to declare	3	
5		6.2			-	Basic Polymer: PAK	97	
6		6.2		1	108-05-4	Acetic acid ethenyl ester	0.05	
7		6.2			system	Additives, not to declare	2.95	
8		6.1			-	Polyethylene	53	
9		6.1			147-14-8	Cu-Phthalocyanin	10	
10		6.1			25053-15-0	Allyl phthalate, homopolymer	15	
11		6.1			5102-83-0	CI Pigment Yellow 13	10	
12		6.1			71868-10-5	2-Methoxypropyl acetate	5	
13		6.1						

How to enter the “Category of process chemical” (continued)

56. A window for selecting the category of process chemical appears. Select the relevant category and click “OK.”

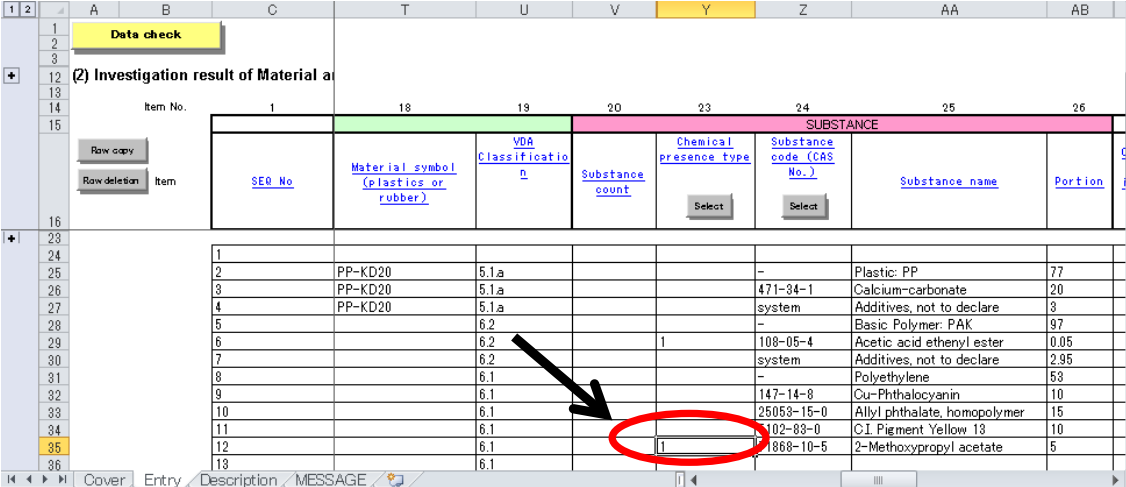


1 → [1] Intended use
 [2] Reaction residue
 [3] Impurity

2 → OK

For this example, select “1” for “Intended use.”

57. “1” for “Intended use” is entered.



Item No.	1	18	19	20	23	24	25	26
Item	SE0 No	Material symbol (plastics or rubber)	VDA Classification	Substance count	Chemical presence type	Substance code (CAS No.)	Substance name	Portion
1								
2		PP-KD20	5.1.a				Plastic: PP	77
3		PP-KD20	5.1.a			471-34-1	Calcium-carbonate	20
4		PP-KD20	5.1.a			system	Additives, not to declare	3
5			6.2				Basic Polymer: PAK	97
6			6.2		1	108-05-4	Acetic acid ethenyl ester	0.05
7			6.2			system	Additives, not to declare	2.95
8			6.1				Polyethylene	53
9			6.1			147-14-8	Cu-Phthalocyanin	10
10			6.1			25053-15-0	Allyl phthalate, homopolymer	15
11			6.1			102-83-0	C.I. Pigment Yellow 13	10
12			6.1			1868-10-5	2-Methoxypropyl acetate	5
13			6.1					

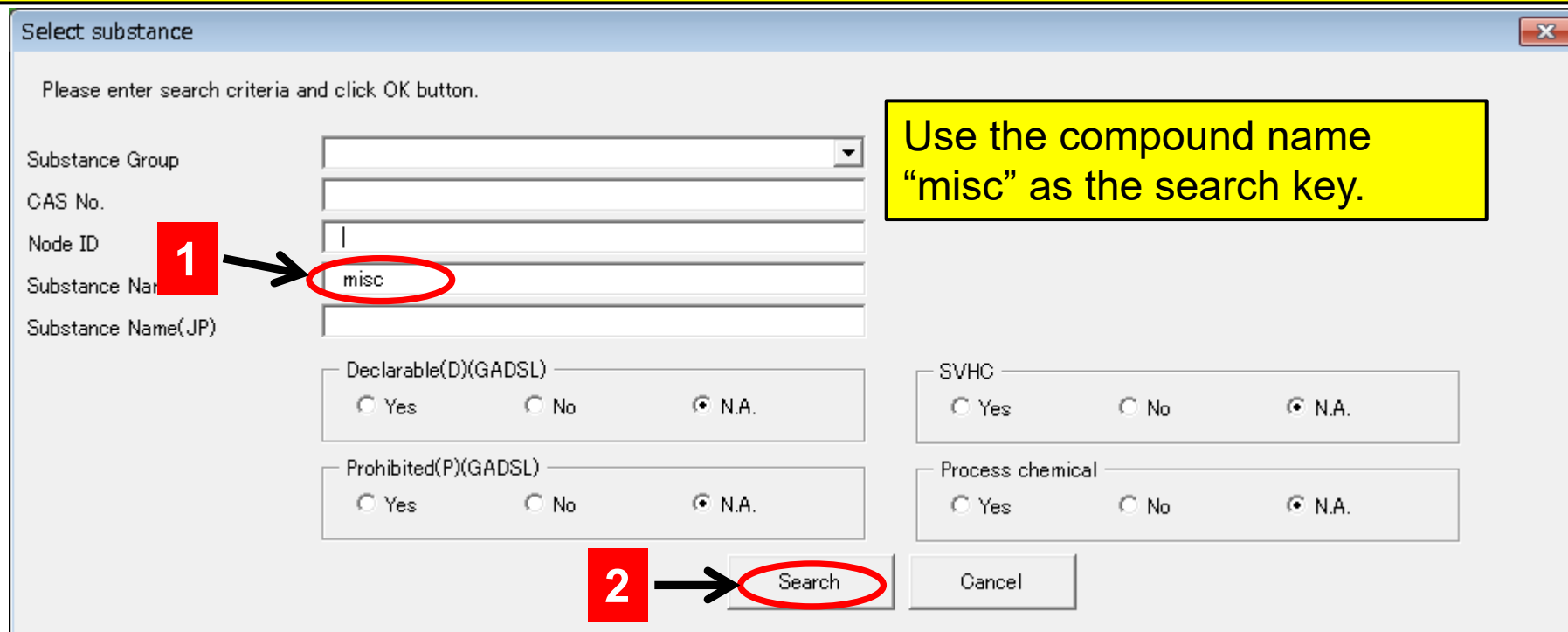
How to conduct search in the window displayed upon clicking “Select” in “compound code”

58. Enter the compound information below in row 36.

Compound code: system *
Compound name: misc
Concentration: 7

*** Wildcard compound:**
compound for which the code is “system.” See explanation of wildcard compounds (p.28).

The concentration of any compound with the code “system” should not exceed 10%.



Select substance

Please enter search criteria and click OK button.

Substance Group

CAS No.

Node ID

Substance Name **1** → misc

Substance Name(JP)

Declarable(D)(GADSL)
 Yes No N.A.

Prohibited(P)(GADSL)
 Yes No N.A.

SVHC
 Yes No N.A.

Process chemical
 Yes No N.A.

2 → Search Cancel

Use the compound name “misc” as the search key.

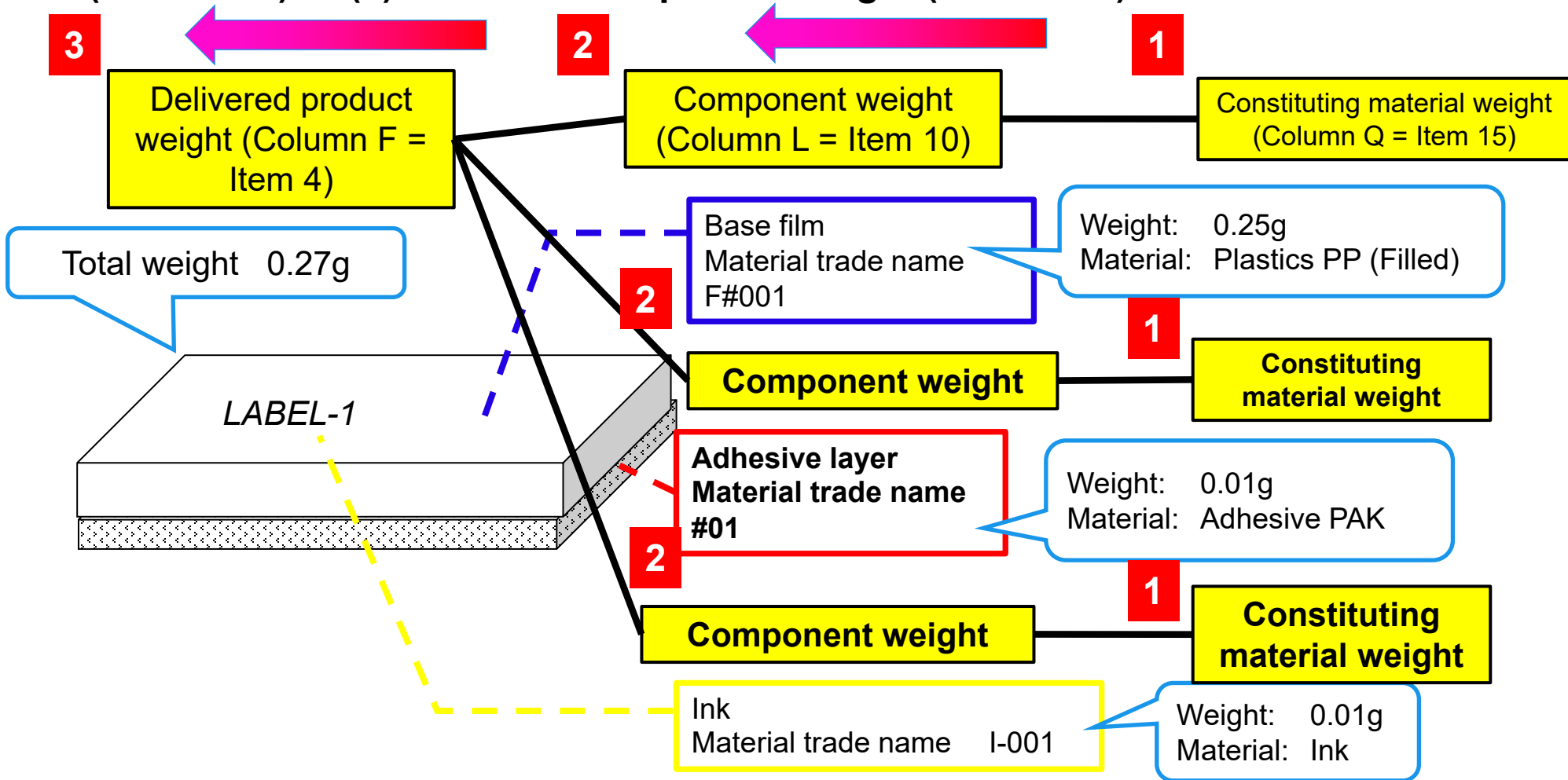
Input of the compound information for the label ink completed

59. Input of the compound information for the Label ink (label adhesive layer) is now completed.

1	19	20	23	24	25	26
<u>SEQ No</u>	<u>VDA Classification</u>	SUBSTANCE				
	<u>n</u>	<u>Substance count</u>	<u>Chemical presence type</u> <input type="button" value="Select"/>	<u>Substance code (CAS No.)</u> <input type="button" value="Select"/>	<u>Substance name</u>	<u>Portion</u>
1						
2	5.1a			-	Plastic: PP	77
3	5.1a			471-34-1	Calcium-carbonate	20
4	5.1a			system	Additives, not to declare	3
5	6.2			-	Basic Polymer: PAK	97
6	6.2		1	108-05-4	Acetic acid ethenyl ester	0.05
7	6.2			system	Additives, not to declare	2.95
8	6.1			-	Polyethylene	53
9	6.1			147-14-8	Cu-Phthalocyanin	10
10	6.1			25053-15-0	Allyl phthalate, homopolymer	15
11	6.1			5102-83-0	CI Pigment Yellow 13	10
12	6.1		1	71868-10-5	2-Methoxypropyl acetate	5
13	6.1			system	Misc, not to declare	7

How to enter weight in the three fields in JAMA sheet

Follow the input order: (1) constituting material weight (manual) → (2) component weight (automatic) → (3) delivered product weight (automatic)



How to enter the material weight for Plastics PP(Filled)

Enter the constituting material weight.

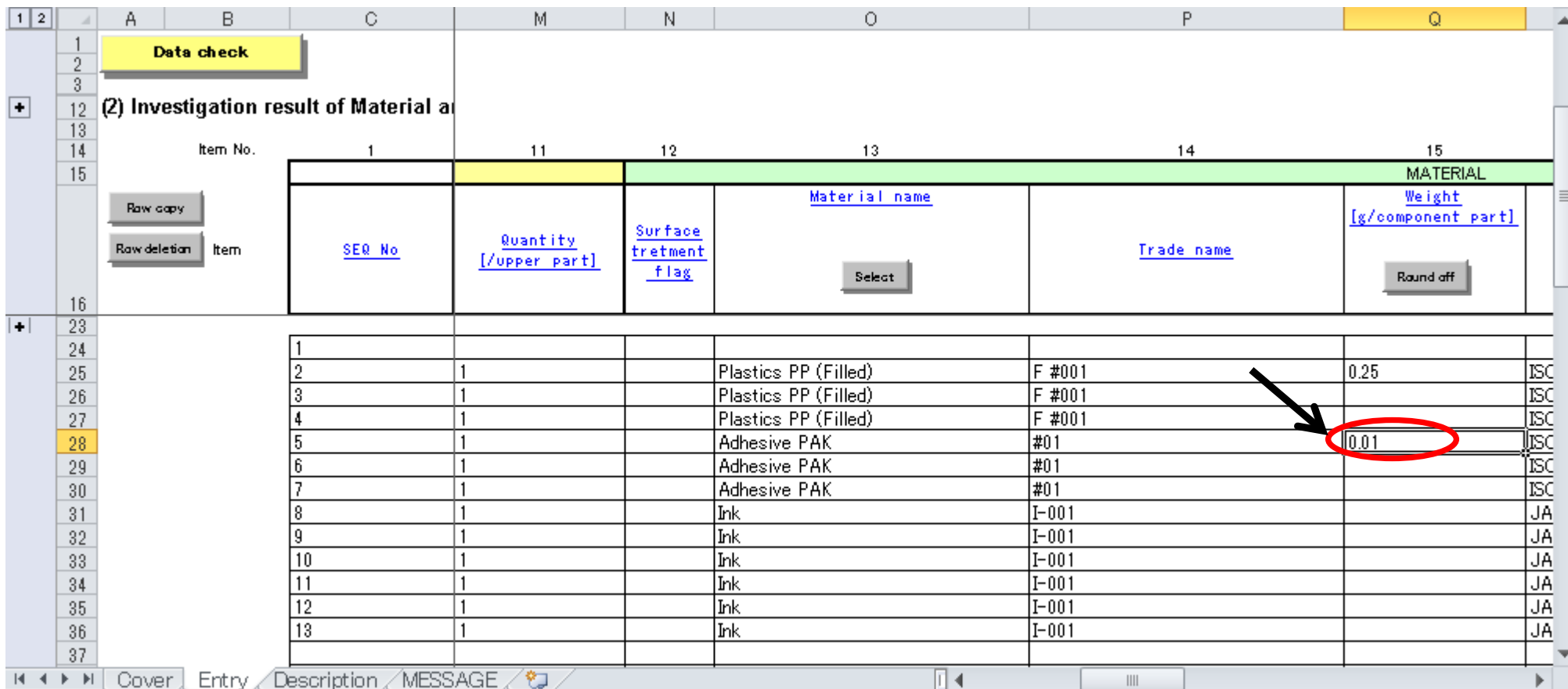
60. Enter the weight 0.25 (g) for “Plastics PP (Filled)” in cell Q25.

1		A		B		C		M		N		O		P		Q	
1		Data check															
2																	
3																	
12		(2) Investigation result of Material a															
13																	
14		Item No.		1		11		12		13		14		15			
15		MATERIAL															
16		Item		SER No		Quantity [/upper part]		Surface treatment flag		Material name		Trade name		Weight [g/component part]		Round off	
17		Raw copy		Raw deletion		Select		Round off									
23																	
24																	
25		1						Plastics PP (Filled)		F #001		0.25		ISC			
26		2		1				Plastics PP (Filled)		F #001				ISC			
27		3		1				Plastics PP (Filled)		F #001				ISC			
28		4		1				Adhesive PAK		#01				ISC			
29		5		1				Adhesive PAK		#01				ISC			
30		6		1				Adhesive PAK		#01				ISC			
31		7		1				Adhesive PAK		#01				ISC			
32		8		1				Ink		I-001				JA			
33		9		1				Ink		I-001				JA			
34		10		1				Ink		I-001				JA			
35		11		1				Ink		I-001				JA			
36		12		1				Ink		I-001				JA			
37		13		1				Ink		I-001				JA			

How to enter the material weight for Adhesive PAK

Enter the constituting material weight.

61. Enter the weight 0.01 (g) for “Adhesive PAK” in cell Q28.



Item No.	1	11	12	13	14	15
						MATERIAL
	SER No	Quantity [upper part]	Surface treatment flag	Material name	Trade name	Weight [g/component part]
1						
2	1			Plastics PP (Filled)	F #001	0.25
3	1			Plastics PP (Filled)	F #001	
4	1			Plastics PP (Filled)	F #001	
5	1			Adhesive PAK	#01	0.01
6	1			Adhesive PAK	#01	
7	1			Adhesive PAK	#01	
8	1			Ink	I-001	
9	1			Ink	I-001	
10	1			Ink	I-001	
11	1			Ink	I-001	
12	1			Ink	I-001	
13	1			Ink	I-001	

4. JAMA Sheet preparation



How to enter the material weight for Ink

Enter the constituting material weight.

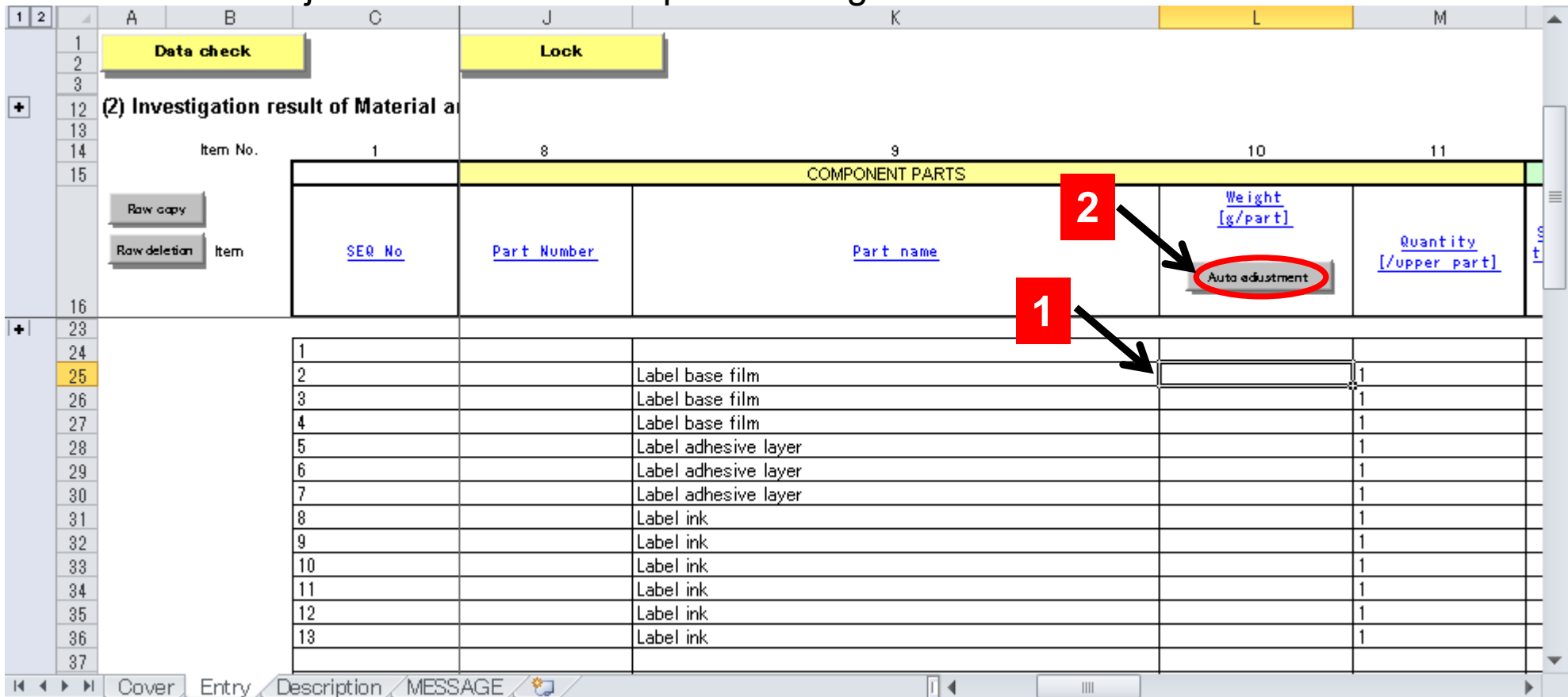
62. Enter the weight 0.01 (g) for “Ink” in cell Q31.

Item No.	1	11	12	13	14	15
Item	SEQ No	Quantity [upper part]	Surface treatment flag	Material name Select	Trade name	Weight [g/component part] Round off
1						
2				Plastics PP (Filled)	F #001	0.25
3				Plastics PP (Filled)	F #001	
4				Plastics PP (Filled)	F #001	
5				Adhesive PAK	#01	0.01
6				Adhesive PAK	#01	
7				Adhesive PAK	#01	
8				Ink	I-001	0.01
9				Ink	I-001	
10				Ink	I-001	
11				Ink	I-001	
12				Ink	I-001	
13				Ink	I-001	

How to enter the component weight for Label base film

Enter the component weight.

63. Select the top cell for the component weight for “Label base film” (cell L25); then click “Automatic adjustment” for the component weight.

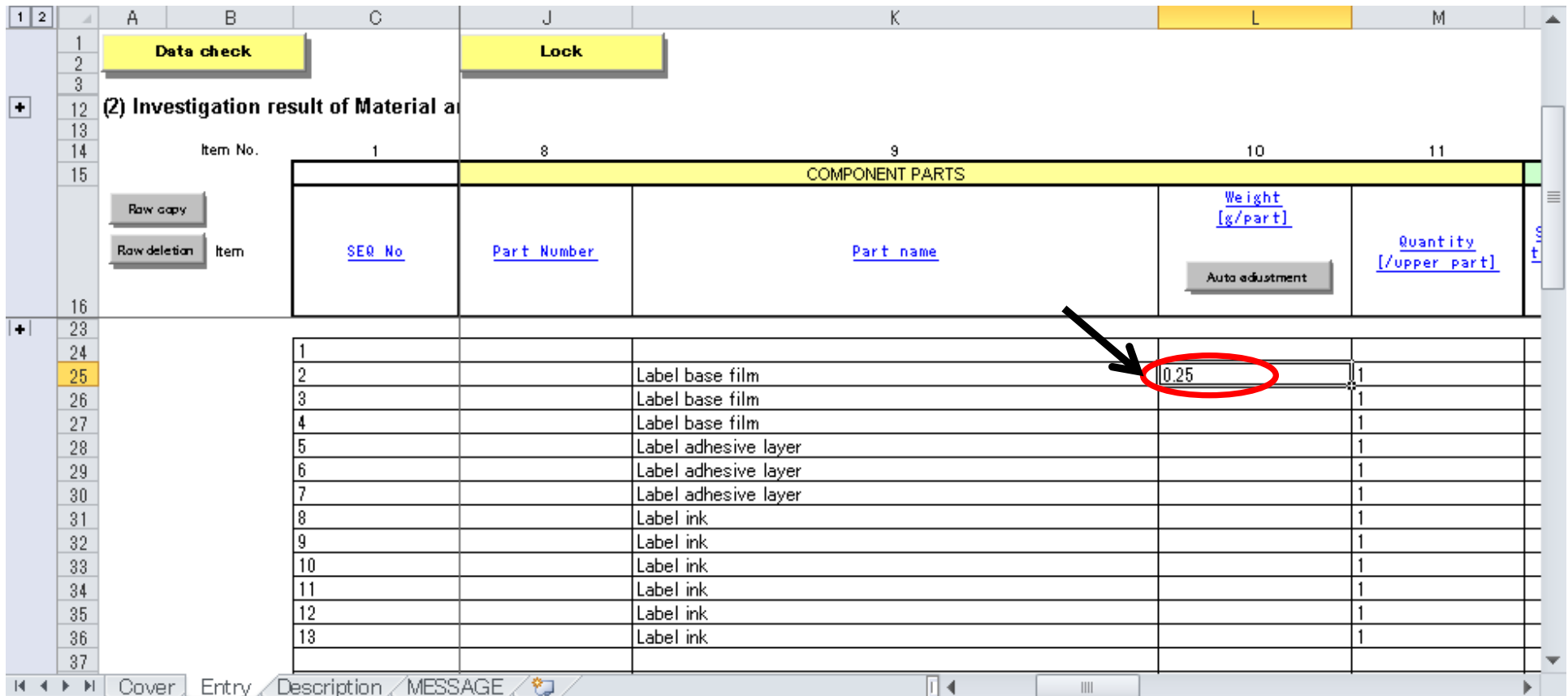


Item No.	1	8	9	10	11
Item	SEQ No	Part Number	Part name	Weight [g/part]	Quantity [/upper part]
1					
2			Label base film		1
3			Label base film		1
4			Label base film		1
5			Label adhesive layer		1
6			Label adhesive layer		1
7			Label adhesive layer		1
8			Label ink		1
9			Label ink		1
10			Label ink		1
11			Label ink		1
12			Label ink		1
13			Label ink		1

Component weight for Label base film automatically entered

Enter the component weight.

64. The total material weight for “Label base film” is automatically entered.

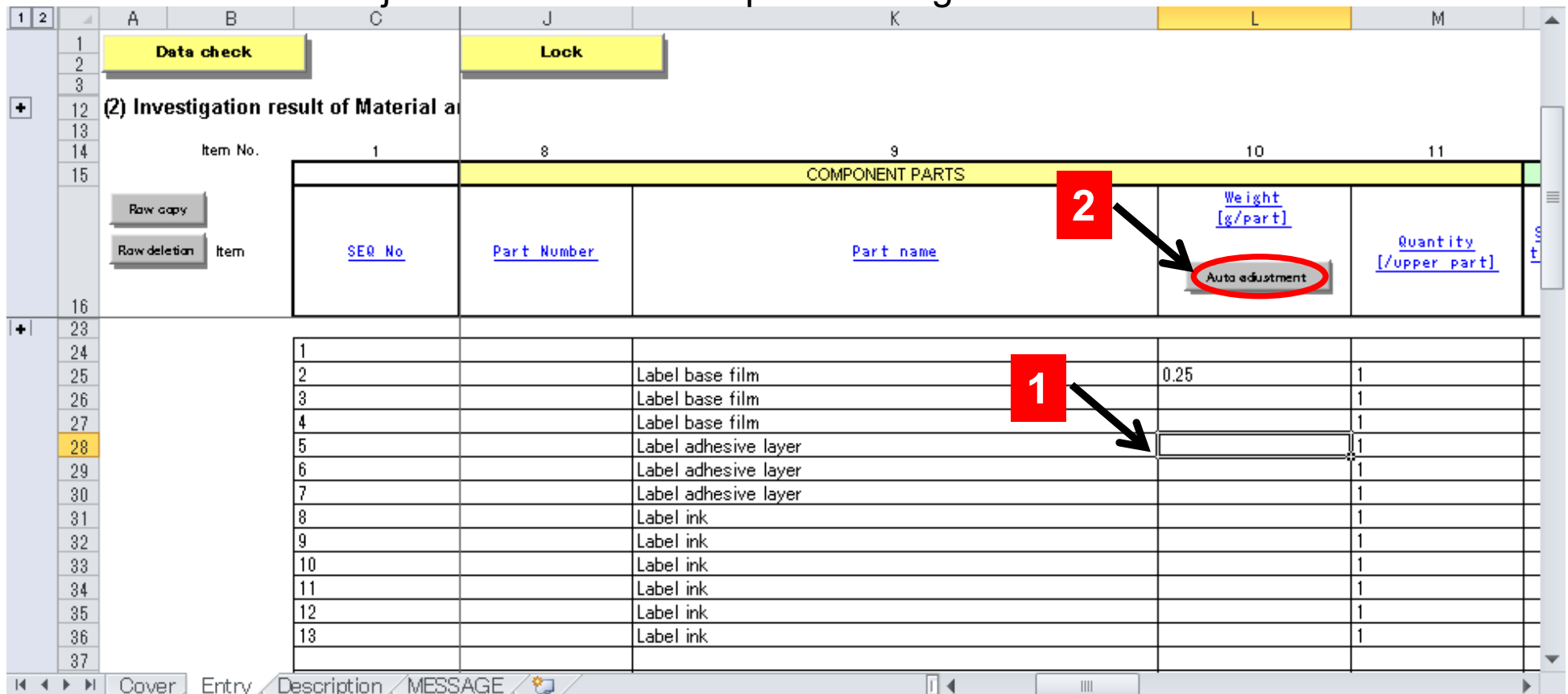


Item No.	1	8	9	10	11
Item	SEQ No	Part Number	Part name	Weight [g/part]	Quantity [upper part]
			Label base film	0.25	1
			Label base film		1
			Label base film		1
			Label adhesive layer		1
			Label adhesive layer		1
			Label adhesive layer		1
			Label ink		1
			Label ink		1
			Label ink		1
			Label ink		1
			Label ink		1
			Label ink		1
			Label ink		1

How to enter the component weight for Label adhesive layer

Enter the component weight.

65. Select the top cell for the component weight for “Label adhesive layer” (cell L28); then click “Automatic adjustment” for the component weight.

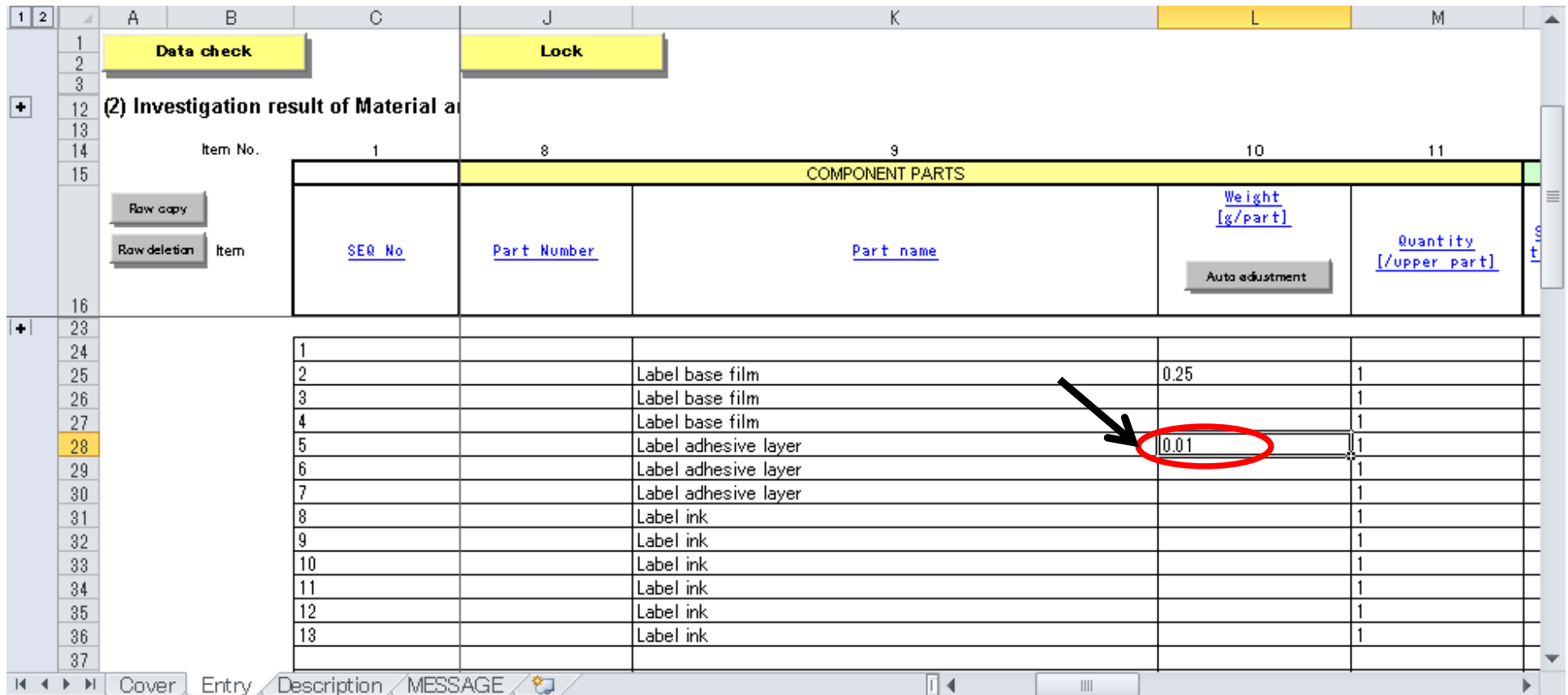


Item No.	1	8	9	10	11
	SEQ No	Part Number	Part name	Weight [g/part]	Quantity [/upper part]
1					
2			Label base film	0.25	1
3			Label base film		1
4			Label base film		1
5			Label adhesive layer		1
6			Label adhesive layer		1
7			Label adhesive layer		1
8			Label ink		1
9			Label ink		1
10			Label ink		1
11			Label ink		1
12			Label ink		1
13			Label ink		1

Component weight for Label adhesive layer automatically entered

Enter the component weight.

66. The total material weight for “Label adhesive layer” is automatically entered.

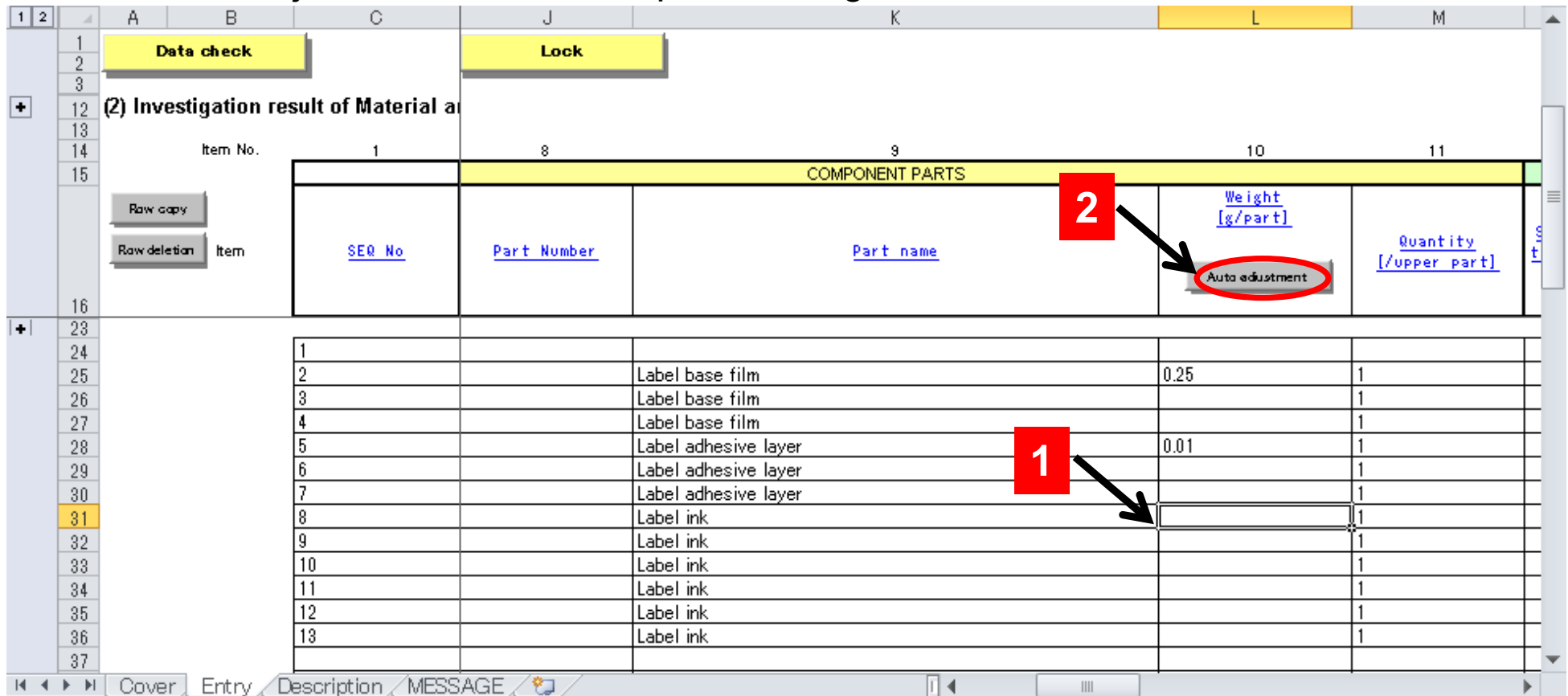


Item No.	1	8	9	10	11
SEQ No	Part Number	Part name	Weight [g/part]	Quantity [/upper part]	
1					
2		Label base film	0.25	1	
3		Label base film		1	
4		Label base film		1	
5		Label adhesive layer	0.01	1	
6		Label adhesive layer		1	
7		Label adhesive layer		1	
8		Label ink		1	
9		Label ink		1	
10		Label ink		1	
11		Label ink		1	
12		Label ink		1	
13		Label ink		1	

□ How to enter the component weight for Label ink

Enter the component weight.

67. Select the top cell for the component weight for “Label ink” (cell L31); then click “Automatic adjustment” for the component weight.



Item No.	1	8	9	10	11
	COMPONENT PARTS				
Item	SEQ No	Part Number	Part name	Weight [g/part]	Quantity [/upper part]
1					
2			Label base film	0.25	1
3			Label base film		1
4			Label base film		1
5			Label adhesive layer	0.01	1
6			Label adhesive layer		1
7			Label adhesive layer		1
8			Label ink		1
9			Label ink		1
10			Label ink		1
11			Label ink		1
12			Label ink		1
13			Label ink		1

4. JAMA Sheet preparation



□ Component weight for Label ink automatically entered

Enter the component weight.

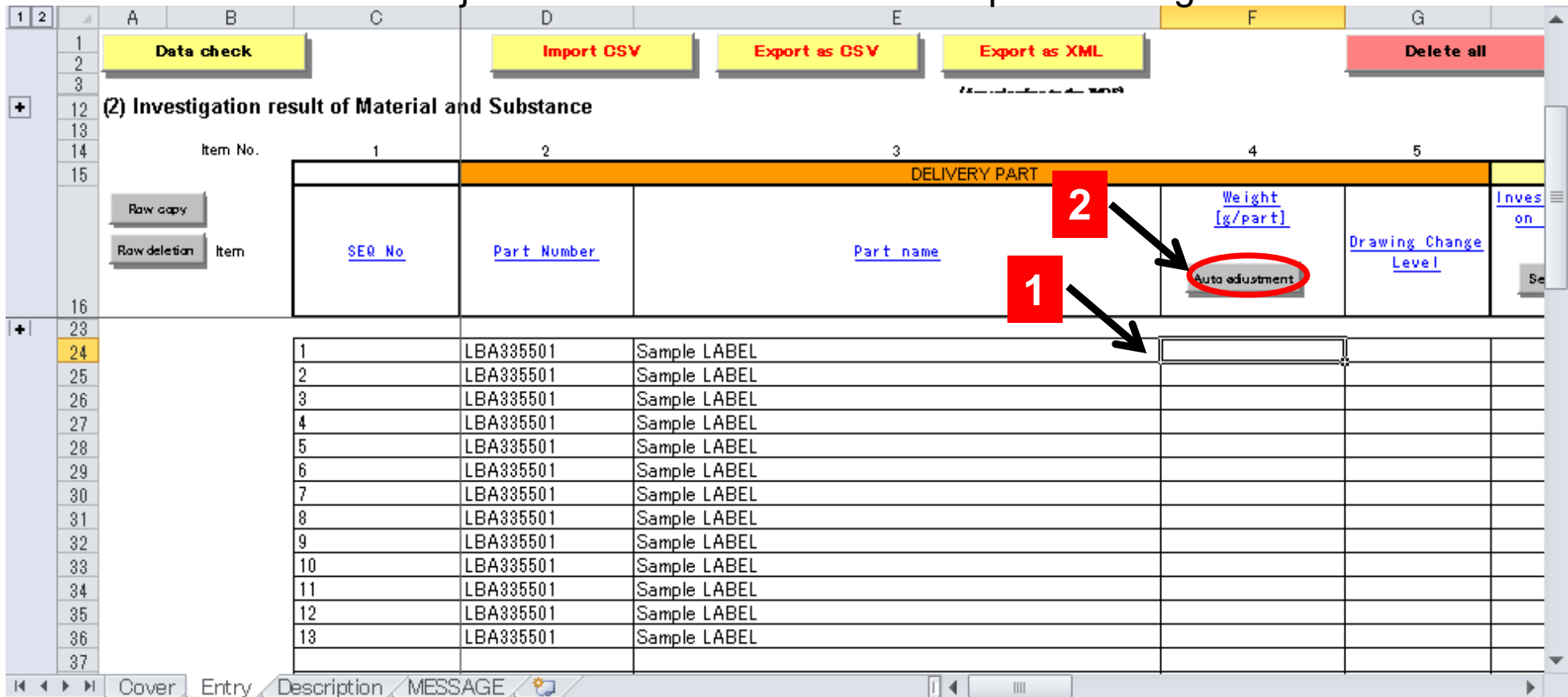
68. The total material weight for “Label ink” is automatically entered.

Item No.	1	8	9	10	11
Item	SEQ No	Part Number	Part name	Weight [g/part]	Quantity [/upper part]
1					
2			Label base film	0.25	1
3			Label base film		1
4			Label base film		1
5			Label adhesive layer	0.01	1
6			Label adhesive layer		1
7			Label adhesive layer		1
8			Label ink	10.01	1
9			Label ink		1
10			Label ink		1
11			Label ink		1
12			Label ink		1
13			Label ink		1

How to enter the delivered component weight for Sample Label

Enter the delivered component weight.

69. Select the top cell for the delivered component weight for “Sample Label” (cell F24); then click “Automatic adjustment” for the delivered component weight.



The screenshot shows a spreadsheet interface with the following data table:

Item No.	1	2	3	4	5
SEQ No	Part Number	Part name	Weight [g/part]	Drawing Change Level	Inves on
1	LBA335501	Sample LABEL			
2	LBA335501	Sample LABEL			
3	LBA335501	Sample LABEL			
4	LBA335501	Sample LABEL			
5	LBA335501	Sample LABEL			
6	LBA335501	Sample LABEL			
7	LBA335501	Sample LABEL			
8	LBA335501	Sample LABEL			
9	LBA335501	Sample LABEL			
10	LBA335501	Sample LABEL			
11	LBA335501	Sample LABEL			
12	LBA335501	Sample LABEL			
13	LBA335501	Sample LABEL			

Red box '1' points to the 'Auto adjustment' button in the 'Weight' column header. Red box '2' points to the 'Weight [g/part]' header cell. An arrow points from the 'Auto adjustment' button to cell F24.

4. JAMA Sheet preparation



Delivered component weight for Sample Label automatically entered

Enter the delivered component weight.

70. The total component weight for “Sample Label” is automatically entered.

Item No.	1	2	3	4	5
	DELIVERY PART				
	<u>SER No.</u>	<u>Part Number</u>	<u>Part name</u>	<u>Weight [g/part]</u>	<u>Drawing Change Level</u>
1		LBA335501	Sample LABEL	0.27	
2		LBA335501	Sample LABEL		
3		LBA335501	Sample LABEL		
4		LBA335501	Sample LABEL		
5		LBA335501	Sample LABEL		
6		LBA335501	Sample LABEL		
7		LBA335501	Sample LABEL		
8		LBA335501	Sample LABEL		
9		LBA335501	Sample LABEL		
10		LBA335501	Sample LABEL		
11		LBA335501	Sample LABEL		
12		LBA335501	Sample LABEL		
13		LBA335501	Sample LABEL		

How to enter the “Biocidal purpose”

71. In the case of GADSL BPR substances, enter “Product Type”(application) when it is added for biocidal purpose, and enter “N” when it is not added for biocidal purpose.

1	2	A	B	C	AB	AD	AE	AF	AG	AH	AJ	AK	AP
	1	Data check											
	2												
	3												
	12	(2) Investigation result of Material											
	13												
	14	Item No.	1	26	28	29	30	31	32	34	35	40	
	15						RECYCLATE				Application	Biocidal Purpose	Component parts quantity unit
							Content of post	Content of post	Content of post	Content of post	Polymeric		

[1] Select a cell to input

[2]-1 Click “Mass Entry”

[2]-2 Click “Select”

[3]-1 Select “OK” or “Chancel”

[3]-2 Select one of the options and press “OK” or “Cancel”

[4]-1 “N”(not for biocidal purpose) Is inputted at all target substances at once.

[4]-2 a selected option is inputted in the selected cell.

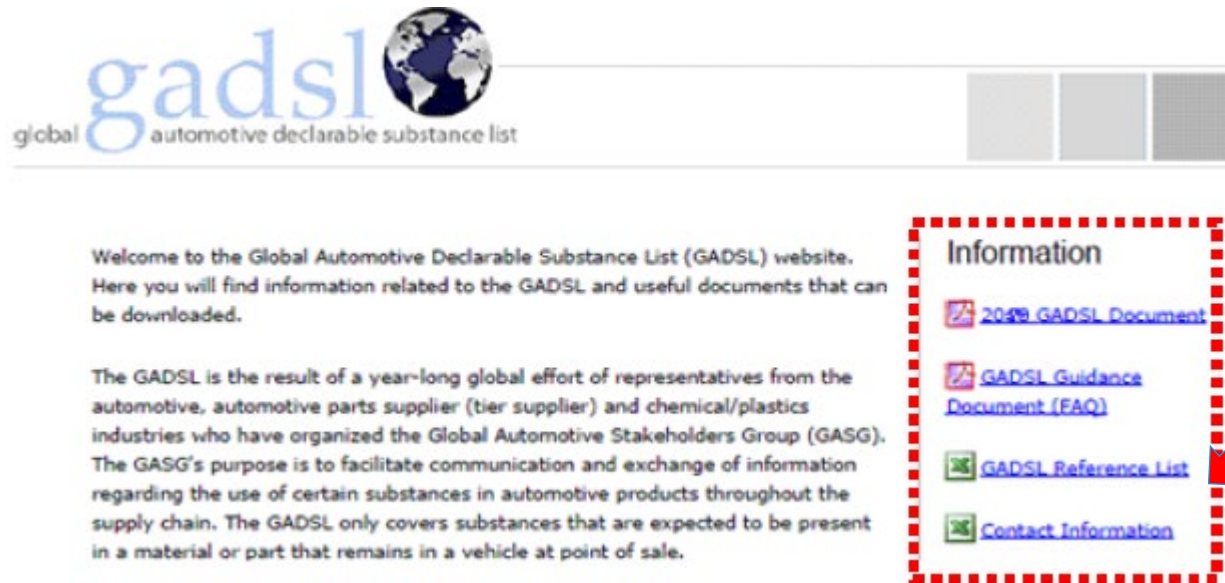
Input of all the required data is now completed.

□ About GADSL (Global Automotive Declarable Substance List)

GADSL is the substance list of a global team from the automotive, automotive parts supplier (tier supplier) and chemical/plastics industries who have organized the Global Automotive Stakeholders Group (GASG).
JAMA substance database is linked to this list.

We, JDI, request all suppliers to report constituent of LCD parts by using JAMA sheet.
We, therefore, request you to check GADSL list for all use. (mobile parts or automobile parts.)

Thank you for your understanding and cooperation.



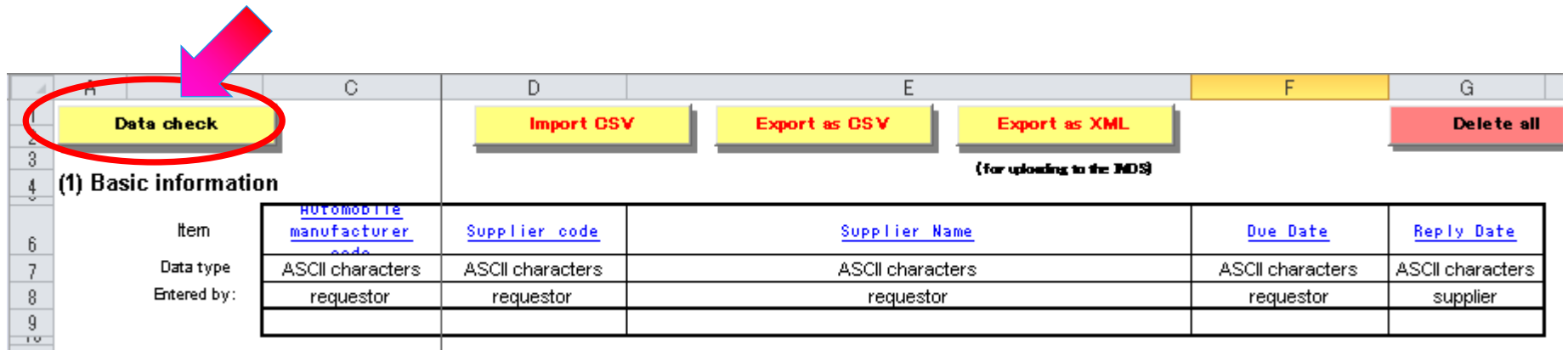
GADSL Reference List

「GADSL」 URL
GADSL (Global Automotive Declarable Substance List) official site : <http://www.gadsl.org/>

How to check for errors in entered JAMA sheet data

Check for errors in entered data.

72. Save the entered data in an arbitrary file name; then click “Data check.”



The screenshot shows a software interface for JAMA sheet preparation. At the top, there are several buttons: "Data check" (highlighted with a red circle and a red arrow), "Import GSV", "Export as GSV", "Export as XML", and "Delete all". Below these buttons is a table with the following data:

Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date
Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor	requestor	supplier

□ How to check for errors in entered JAMA sheet data

Example of error check: when no error is found

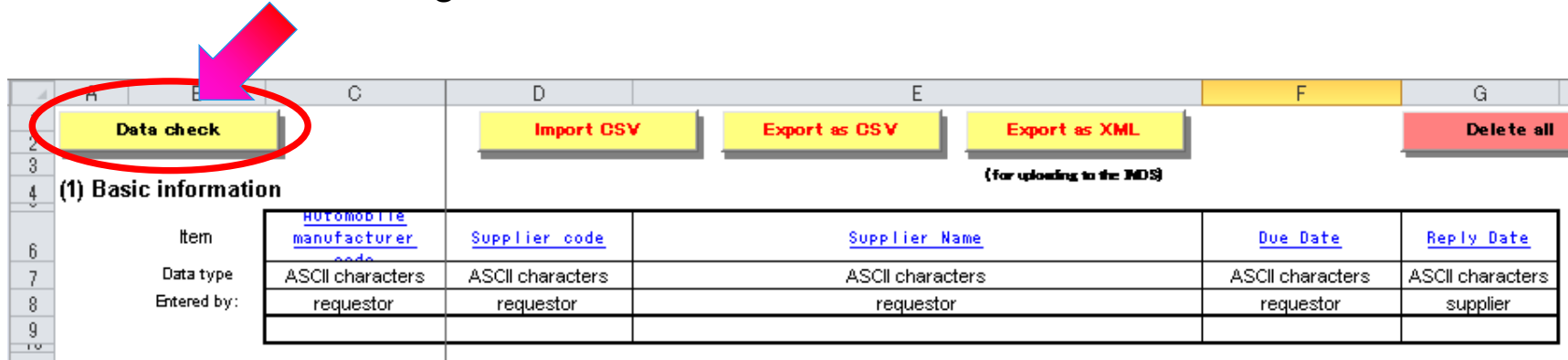
73. The first click on “Data check” after completing data input generates a message irrelevant to errors (e.g. “automatically overwritten” in the “Message” sheet).

	A	B	C	D
1				
2	Stop data check	After clicking the button, it may take several minutes to stop the check processing.		
3				
4	V25	[mes8:Warning] The data has been overwritten automatically by the system. Portion has been calculated with the Substance portion(Min., Max. and Rest) in JAPIA OPTIONS automatically by the system.		
5	AD25	[mes8:Warning] The data has been overwritten automatically by the system. Portion has been calculated with the Substance portion(Min., Max. and Rest) in JAPIA OPTIONS automatically by the system.		
6	AE25	[mes8:Warning] The data has been overwritten automatically by the system. Portion has been calculated with the Substance portion(Min., Max. and Rest) in JAPIA OPTIONS automatically by the system.		
7	AF25	[mes8:Warning] The data has been overwritten automatically by the system. Portion has been calculated with the Substance portion(Min., Max. and Rest) in JAPIA OPTIONS automatically by the system.		
	AG25	[mes8:Warning] The data has been overwritten automatically by the system. Portion has been calculated with the Substance portion(Min., Max. and Rest)		

Navigation: Cover Entry Description **MESSAGE**

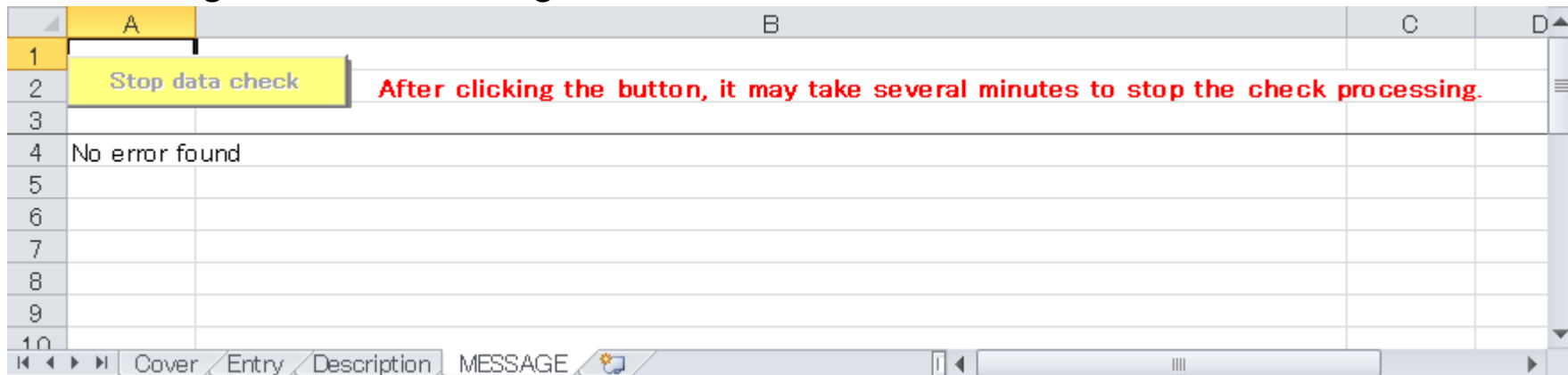
How to check for errors in entered JAMA sheet data

74. Click “Data check” again.



Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date
Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor	requestor	supplier

75. A message on the “Message” sheet tells that no error is found.



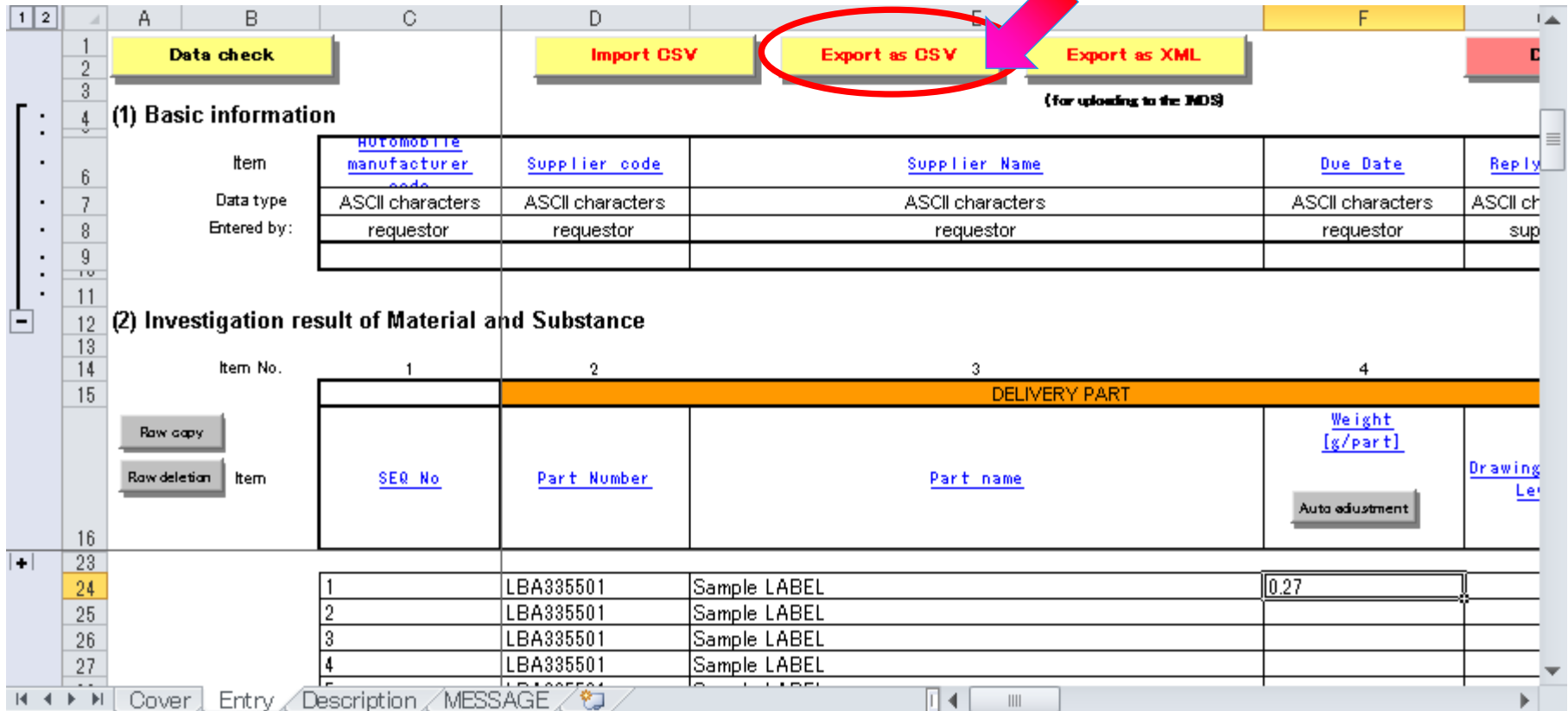
Stop data check After clicking the button, it may take several minutes to stop the check processing.

No error found

Entered data have been proven to be error-free.

How to export data in CSV format

76. Click “Export as CSV” in the Data Input Form.

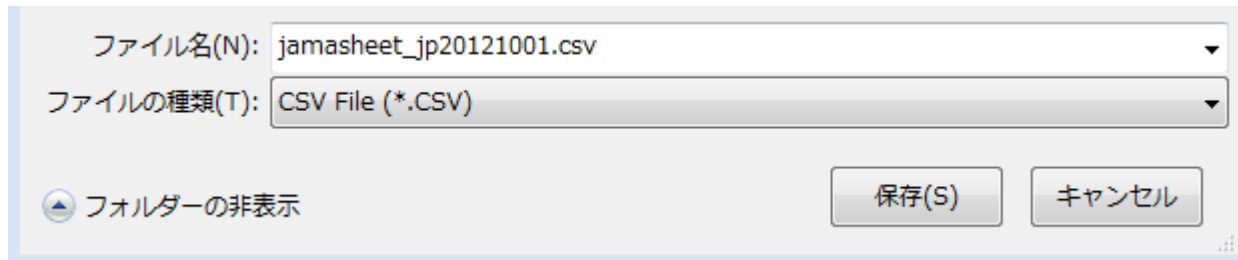


The screenshot shows the JAMA Data Input Form interface. At the top, there are four buttons: "Data check", "Import CSV", "Export as CSV", and "Export as XML". The "Export as CSV" button is circled in red, and a pink arrow points to it. Below the buttons, the form is divided into sections: (1) Basic information and (2) Investigation result of Material and Substance. The "Basic information" section includes fields for Item, Data type, and Entered by. The "Investigation result" section includes a table with columns for Item No., SEQ No, Part Number, Part name, Weight [g/part], and Drawing Let.

Item No.	1	2	3	4
Item	DELIVERY PART			
Item	SEQ No	Part Number	Part name	Weight [g/part]
1		LBA335501	Sample LABEL	0.27
2		LBA335501	Sample LABEL	
3		LBA335501	Sample LABEL	
4		LBA335501	Sample LABEL	

□ Save the CSV file

77. Save the CSV file in an arbitrary file name.



End of the example (label) of JAMA sheet preparation

□ How to check for errors in the completed JAMA sheet

5. Checking for errors

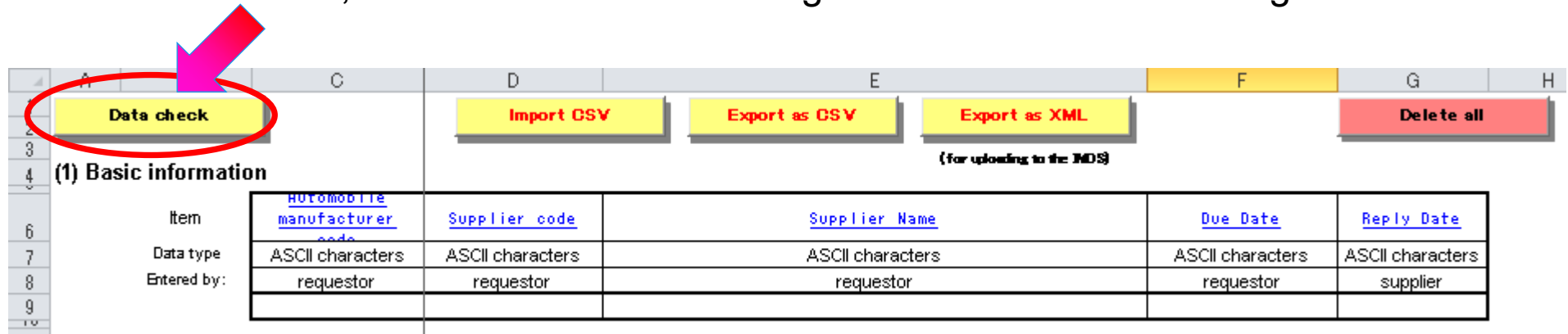
Example of error check: when an error is found

Execute “Data check” to confirm that your data are perfect.

Be sure to save the data before error check.

Clicking the “Data check” button causes display of the check results in the “Message” sheet.

If no error is found, a “No error found” message is shown on the “Message” sheet.



	A	C	D	E	F	G	H
3	Data check		Import GSV	Export as GSV	Export as XML		Delete all
4	(1) Basic information			(for uploading to the MDS)			
6	Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date	
7	Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
8	Entered by:	requestor	requestor	requestor	requestor	supplier	
9							

If any error occurs, ask the source company for the correct JAMA data.

Important!

JAMA data containing any error cannot be uploaded in jDesc, JDI's chemicals control system.

❑ Frequently encountered errors and their causes

Errors frequently encountered in JAMA sheet preparation and their principal causes

No	Error	Principal causes
1	Data input mandatory	Required data are missing. If the data exist in the item to be pointed out, component structure level may be wrong (even in other rows).
2	Total weight of subcomponents/materials differ from delivered component/component weight by more than 5%. Please correct.	<ul style="list-style-type: none">• Delivered component/component weight not entered through “Automatic coordination”• Component Structure level is wrong (even in other rows)
3	Wrong combination of compound code, compound name, and Node ID	Compound code or compound name not entered through “Select,” or manually modified
4	Entered value does not agree with list entry	Compound name manually modified
5	Constituting materials require registration of compound (except for supplied material)	Constituting material name not entered through “Select,” or manually modified
6	Combination of surface treatment flag, material name, material standard, material code, material symbol, or VDA material classification does not agree with list entry	Constituting material name not entered through “Select,” or manually modified

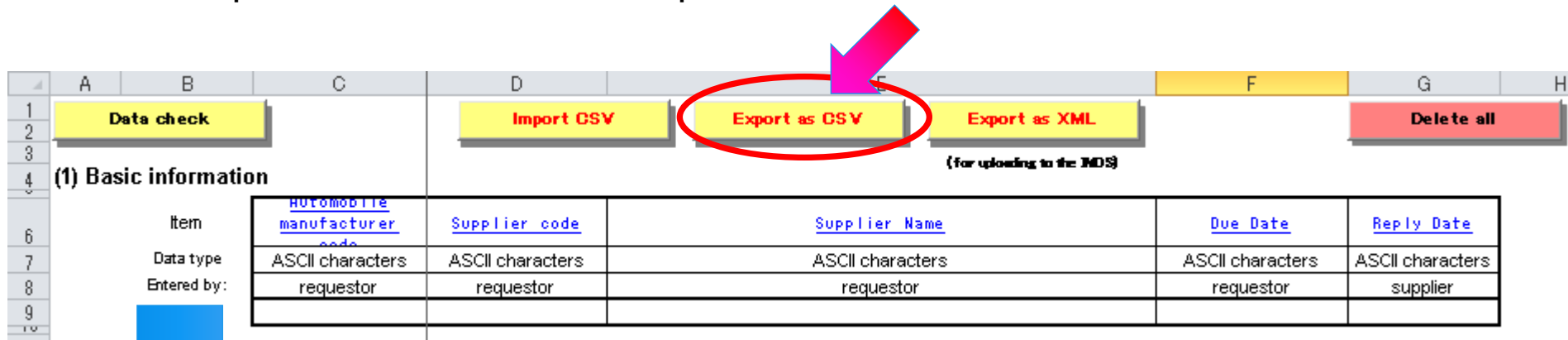
* See “Frequently encountered problems associated with different JAMA sheet versions” for errors related to different JAMA version.

4. JAMA Sheet preparation

- How to export JAMA sheet data in CSV format after the input of contained substance information

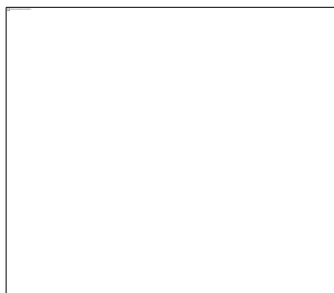
6. Exporting data

Click the “Export as CSV” button to export the data.



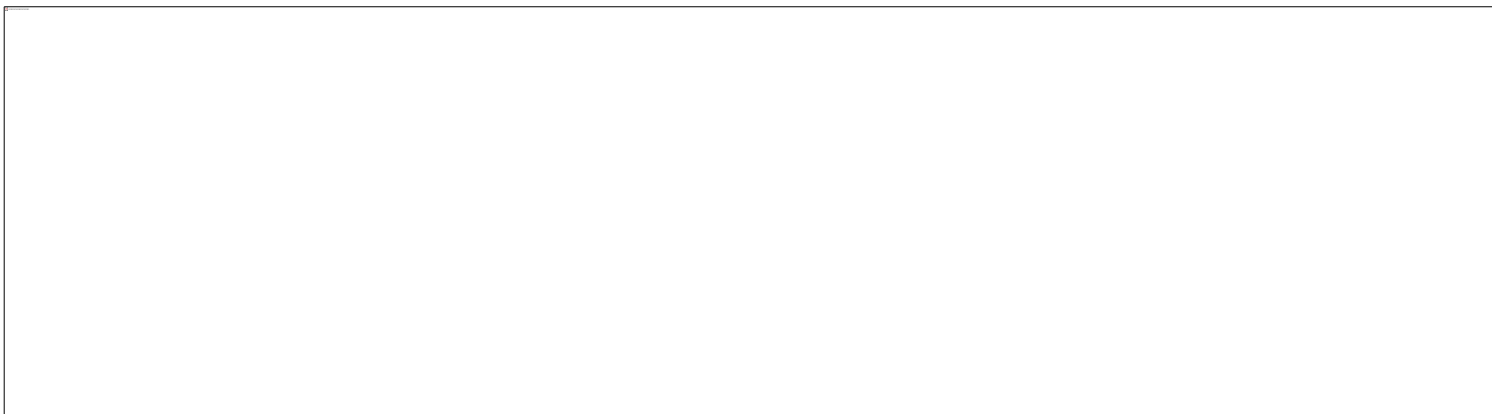
The screenshot shows a spreadsheet interface with several buttons: "Data check", "Import CSV", "Export as CSV" (circled in red with a pink arrow pointing to it), "Export as XML", and "Delete all". Below the buttons is a table with the following data:

Item	Automobile manufacturer code	Supplier code	Supplier Name	Due Date	Reply Date
Data type	ASCII characters	ASCII characters	ASCII characters	ASCII characters	ASCII characters
Entered by:	requestor	requestor	requestor	requestor	supplier



The CSV format reduces the volume of the data.

[For information: Image of a CSV file](#)



1. What is the JAMA sheet?
2. Display image for JAMA sheet and content overview
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4. JAMA Sheet preparation
5. **Notes on filling in JAMA sheet**
6. JDI-Specific requirements in JAMA sheet



Japan Display Inc.

1. What is the JAMA sheet?
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6. JDI-Specific requirements in JAMA sheet

□ Basic rules for JAMA sheet preparation

- Use **alphanumeric (one-byte) characters only. Do not use Japanese (two-byte) characters.**
- **Do not directly paste data copied** from other Excel files.
Formats other than that of the JAMA sheet may cause errors.
When pasting data copied from other Excel file, **select only “paste value” from the paste options.**
- JAMA data containing any error cannot be uploaded in jDesc, JDI's chemicals control system.

❑ No manual input in cells for automatic input

- Do not delete or edit data entered using the [Automatic coordination] or [Select] button, or automatically displayed in cells when the [Select] button is clicked. Do not enter these data manually.

1	2	3	4	10	
	DELIVERY PART				
<u>SEQ No</u>	<u>Part Number</u>	<u>Part name</u>	<u>Weight [g/part]</u> Auto adjustment	<u>Weight [g/part]</u> Auto adjustment	
1	LBA335501	Sample LABEL	0.27	0.25	
2	LBA335501	Sample LABEL			
3	LBA335501	Sample LABEL			
4	LBA335501	Sample LABEL		0.01	
5	LBA335501	Sample LABEL			
6	LBA335501	Sample LABEL			
7	LBA335501	Sample LABEL			
8	LBA335501	Sample LABEL		0.01	
9	LBA335501	Sample LABEL			
10	LBA335501	Sample LABEL			
11	LBA335501	Sample LABEL			
12	LBA335501	Sample LABEL			
13	LBA335501	Sample LABEL			

Automatically entered by clicking "Automatic coordination"

Automatically entered by clicking "Automatic coordination"

5. Notes on filling in JAMA sheet

- Compound name automatically generated by selecting compound code (CAS No.)

Do not delete, edit, or input manually

20	23	24	25	26
<u>Substance count</u>	<u>Chemical presence type</u> Select	<u>Substance code (CAS No.)</u> Select	<u>Substance name</u>	<u>Portion</u>
1		-	Plastic: PP	77
2		471-34-1	Calcium-carbonate	20
		system	Additives, not to declare	3
1		-	Basic Polymer: PAK	97
2	1	108-05-4	Acetic acid ethenyl ester	0.05
		system	Additives, not to declare	2.95
1		-	Polyethylene	53
2		147-14-8	Cu-Phthalocyanin	10
3		2053-15-0	Allyl phthalate, homopolymer	15
4		5102-83-0	CI Pigment Yellow 13	10
5	1			

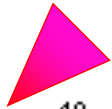
↑ Automatically entered by clicking "Select"

↑ Automatically filled while selecting compound codes

5. Notes on filling in JAMA sheet

- ❑ No data entry required in the items under “JAPIA Option”

Do not delete, edit, or input manually



39	40	41	42	43	44	45	46	47	48
JAPIA OPTIONS									MATERIAL
<u>Component parts weight unit</u> <input type="button" value="Select"/>	<u>Component parts quantity unit</u> <input type="button" value="Select"/>	<u>Requestor material code or Supplied material code</u>	<u>Substance portion (Minimum)</u>	<u>Substance portion (Maximum)</u>	<u>Substance portion (Rest)</u>	<u>IMDS node ID (part)</u>	<u>IMDS node ID (material)</u>	<u>IMDS node ID (substance)</u>	<u>Internal Mat.-No.</u>
								1351222	
								1201	
								145390	
								1347041	
								3361	
								145390	
								1347348	
								1794	
								23337	
								2279459	
								461	
								9999	

5. Notes on filling in JAMA sheet

How to describe undisclosed substances (other than substances prohibited or controlled by JD)

A compound (if not prohibited) that cannot be disclosed, e.g. by reason of confidentiality, may be entered as a **wildcard compound***, such as “misc,” so long as the concentration does not exceed 10% as a homogeneous material.

20	23	24	25	26
SUBSTANCE				
Substance count	Chemical presence type <input type="button" value="Select"/>	Substance code (CAS No.) <input type="button" value="Select"/>	Substance name	Portion
1		-	Plastic: PP	77
2		471-34-1	Calcium-carbonate	20
		system	Additives, not to declare	3
1		-	Basic Polymer: PAK	97
2	1	108-05-4	Acetic acid ethenyl ester	0.05
		system	Additives, not to declare	2.95
1		-	Polyethylene	53
2		147-14-8	Cu-Phthalocyanin	10
3		25053-15-0	Allyl phthalate, homopolymer	15
4		5102-83-0	CI. Pigment Yellow 13	10
5	1	71868-10-5	2-Methoxypropyl acetate	5
		system	Misc. not to declare	7

*** Wildcard compounds:** compounds for which the code is “system.” See explanation of wildcard compounds (p. 28).

The concentration of compounds can only be entered as an exact numerical value. An entry such as “<5” or “10-20” is not accepted

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Japan Display Inc.

1. What is the JAMA sheet?
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□ JDI-Specific input rules for preparation of JAMA sheet

3. Enter JDI Article codes and Article texts exactly

The code and text are used as identifiers for your products in the jDesc system. Enter them exactly (distinguishing two-byte characters from one-byte characters) in the following places in the JAMA sheet:

- (1) JDI Article number: Item2, “Delivered component number”
- (2) JDI Article text: Item 3, “Delivered component name”

* Item: The number given in row 14 of the Data Input Form.

□ JDI-Specific rules for preparation of JAMA sheet

1. Item(*) 14 “Material trade name” is mandatory

- Input of the material trade name is optional in the JAMA sheet but mandatory in jDesc. If it is missing, an error is caused when uploading the file.

JDI requires the material trade name because it is used as an identification key in the jDesc system.

Each material requires the trade name. If the name does not exist or cannot be disclosed, a serial number may be used for each material for identification.

2. Entry for articles supplied by JDI

- Enter “3” in item 6 “Registration status” for a JDI-supplied article.
In this case, entries in the following items only are needed.
 - * Item 7 “Structure level”
 - * Item 8 “Component No.”
 - * Item 10 “Component weight A”
 - * Item 11 “Component quantity”

6. JDI-Specific requirements in JAMA sheet

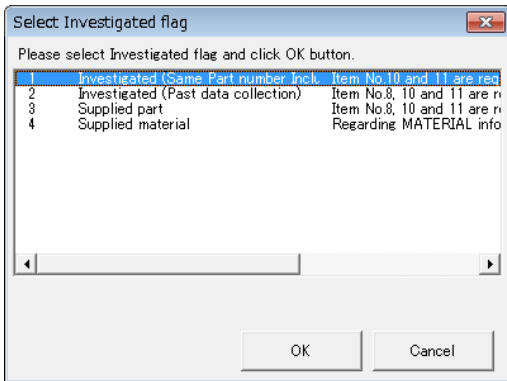


□ When the delivered product contains JDI-supplied articles

- How to enter JDI-supplied articles

Select an appropriate item to enter from the list shown in “Registration status.”

Example: Label ink supplied by JDI



Category: 3. Supplied component
 Description: Input required in “Component No.,” “component weight A” and “Component quantity.”



Enter the “Component No.,” “Component weight A,” and “Component quantity” for “Label ink.” No data are needed in other items (except the basic information in columns C-E).

COMPONENT PARTS							
Investigati on flag	Part Structure	Part Number	Part name	Weight [g/part]	Quantity [/upper part]	Surface treatment flag	Mat
Select				Auto adjustment			
1							
2			Label base film	0.25	1		Plastics PP (Fil
2			Label base film		1		Plastics PP (Fil
2			Label base film		1		Plastics PP (Fil
2			Label adhesive layer	0.01	1		Adhesive PAK
2			Label adhesive layer		1		Adhesive PAK
2			Label adhesive layer		1		Adhesive PAK
3	2	ABC0000		0.01	1		

6. JDI-Specific requirements in JAMA sheet



Overview of the cells to which the JDL-specific rules apply

1	Delivered component No.		Delivered component name		Registration status			COMPONENT PARTS		
SEQ. No.	Part Number	Part name	Weight [g/part] Auto adjustment	Designing Change Level	Investigation flag Select	Part Structure	Part Number	Part name	Weight [g/part] Auto adjustment	Quantity [Upper part]
Serial number assigned to date	Part Number of supplier delivery to request for	Part name of supplier delivery to request for	Weight of delivered parts, basically the weight value in the drawing [g/part]	Designing change number, if occurred.	Identification code that this part was reported to request for or not	List of a component part/delivery part(s) consists some component parts.	Part number of a component part of a delivered product	Part name identified by a component part number	Weight of component part [g/part]	Number of component parts used for upper level parts [each/upper level part]
supplier			request for or supplier	request for or supplier	request for or supplier	supplier	request for or supplier	request for or supplier	supplier	supplier
required	required	required	required (Enter in only the top row for the same part)	optional		required (this row)	required (row)	required (e of material for DELIVERY PART are inputted in this row.	required (Enter in only the top row for the same part)	required (Should be blank in case of material for DELIVERY PART are inputted in this row.
Number	ASCII characters	ASCII characters	Number	ASCII characters	Number	Number	ASCII characters	ASCII characters	Number	Number
5	26	0	9	10	2	2		40	9	3
0	0	0	6	0	0	0		0	6	0

3. Enter JDI Article codes and Article texts exactly

JDI Article No.

JDI Article text

2. Entry for articles supplied by JDI

"3" for JDL-supplied article

12	13		14		15		16		17		18		19	
Surface treatment flag	Material name	Trade name	Weight [g/component part]	Norms/Standards	Material number (Metal or other than plastics or rubber material)	Material symbol (plastics or rubber)	VDA Classification							
Identification code of surface treatment	Material name applied to a component part	Trade name of material	Material weight usage for component part [g/component part]	number of applicable Indus by specification's standard	In case of Metal or other than plastics or rubber materials, material number is defined in Indus by specification. Same as "Standard Material Number" defined by JIS S 401.	In case of plastic or rubber, material symbol is defined in ISO 1043 or ISO 1629	Material classification is defined by VDA (German Automobile Manufacturers Association)							
supplier	supplier	supplier	supplier	supplier	supplier	supplier	supplier							
Optional of request for	required (in case of enter material)	Optional of supplier	required (Enter in only the top row for)	required (in case of entering material)	required (Metal or other material)	required (Plastic or Rubber or elastomer)	required (in case of entering material)							
**	ASCII characters			ASCII characters	ASCII characters	ASCII characters	ASCII characters							
2	40		5	40	40	70	6							
0	0	0	6	0	0	0	0							

1. Item number (*) 14 "Material trade name" is mandatory

"Material trade name" mandatory

□ Manuals describe detailed procedure of JAMA sheet preparation

1. Manuals for JAMA sheet preparation

- The manuals are available at the website of JAPIA (see URL below).
- ⊙ **Must-read: (5) JAMA/JAPIA Standard Material Datasheet Instruction**
(English and Japanese versions available)
- **Recommended: (4) Operation procedure**
(Japanese only; more detailed description than in (5) above)
- ★ The manual (5) above describes the procedure of JAMA sheet preparation with an example of a component.

2. Examples of JAMA sheet preparation

- Provides examples of electronic components (transistors, circuit boards), labels, tapes, plated composite components, etc.
- **Recommended: (6) Data Input Sample**

3. JAPIA Website

- * Japanese: <http://www.japia.or.jp/datasheet/> - provides all the documents related to JAMA sheet
- * English: <http://www.japia.or.jp/english/datasheet.html> - provides documents in English related to JAMA sheet

Version	Date	Description
V1.0	Feb. 6, 2013	First issued
V1.1	Nov.14, 2014	<p>“GADSL declaration” item added.</p> <ul style="list-style-type: none"> -4. JAMA Sheet preparation How to enter the “GADSL declaration” About GADSL (Global Automotive Declarable Substance List) -3. JAMA Sheet entries “GADSL declaration” information on JAMA sheet in item33. <p>PC environment modified for excel version up</p> <ul style="list-style-type: none"> -3. JAMA Sheet entries→2. Open the Data Input Form -4. JAMA Sheet preparation→3. Open the Data Input Form The explanation about the Excel was changed from Excel2003 to Excel2010. -3. JAMA Sheet entries→1. Prepare environment -4. JAMA Sheet preparation→1. Prepare environment Excel2003 deleted.
V1.2	Apr.1, 2017	<p>“Biocidal purpose” item added.</p> <ul style="list-style-type: none"> -4. JAMA Sheet preparation How to enter the “Biocidal purpose” -3. JAMA Sheet entries “Biocidal purpose” information on JAMA sheet in item35. <p>Set up PC environment added for Excel2007 <u>(Service Pack3)</u></p> <ul style="list-style-type: none"> -3. JAMA Sheet entries -4. JAMA Sheet preparation

Version	Date	Description
V1.3	Nov.1, 2017	<p>“GADSL declaration” item deleted.</p> <ul style="list-style-type: none"> -4. JAMA Sheet preparation How to enter the “GADSL declaration” About GADSL (Global Automotive Declarable Substance List) -3. JAMA Sheet entries “GADSL declaration” information on JAMA sheet in item33. <p>Operating environment modified.</p> <ul style="list-style-type: none"> -3. JAMA Sheet entries -4. JAMA Sheet preparation <p>Operating environment where the JAMA sheet ver2.50 has been evaluated are below.</p> <ul style="list-style-type: none"> - Windows 7 SP1 (32bit) + Excel2013 (32bit) - Windows 10 (64bit) + Excel2016 (64bit)
V1.4	June 1, 2021	<ul style="list-style-type: none"> -Notes about JAPIA sheet added. (cover page) -Format design changed.