

Summary of the JAMA/JAPIA Standard Material Datasheet version upgrade (Ver.2.40)

- This document is issued to supply information for JAMA/JAPIA Standard Material Datasheet version upgrade items. (Ver.2.40)
[Release date : NOV 1, 2016]
- The upgraded JAMA/JAPIA Standard Material Datasheet (Ver.2.40) can be downloaded from the JAPIA website (<http://www.japia.or.jp/>) after NOV 2016.
- The JAMA/JAPIA Standard Material Datasheet may be upgraded furthermore in the future.

November 1, 2016

Japan Auto Parts Industries Association
Product Environmental Committee

< List of upgrade items in Ver.2.40 >

File	Upgrade item	Upgrade content	Details
I. Data Input Form	1. Cover sheet	-“Version No.” and “Date” have been revised. -“Explanation of upgrade” has been added.	Page 4
	2. Password	The password has been updated. (Please confirm the new one to your requester.)	(n/a)
	3. Check specification of substance potion	Check Specification of “Substance potion” (Item No: 26,42-44) has been changed according to IMDS change	Page 5
	4. Check specification of weight deviation	Check Specification of “Component weight” (Item No: 4,10) has been changed according to IMDS change	Page6
	5. Add entry item Biocidal Purpose	For harmonization with IMDS, an entry item was added. [Object entry item] Biocidal Purpose (Item No. 35) (Notes) - The added column is used as “Remarks(Module ID)(Item No. 35) of previous JAMA sheet (the item was deactivated in November 2008).	Page7

File	Upgrade item	Upgrade content	Details
II. External list	6. Material List MAT	<ul style="list-style-type: none"> - Revised contents of JIS have been reflected. - Refer "Explanation of Material List". 	(n/a)
	7. Substance list IMDS_SUB	<ul style="list-style-type: none"> -IMDS BSL changes (addition, revised and deletion) have been reflected. -Substance names (Japanese) also have been revised accordingly. -The additional SVHCs flags of REACH on June 20, 2016 have been reflected. 	Page8
	8. GADSL Classification IMDS_CATEGORY	<ul style="list-style-type: none"> -"External list" was updated for consistency with the latest GADSL(2016 Version 2) 	(n/a)
	9. Application code list IMDS_APP IMDS_SUB_APP	<ul style="list-style-type: none"> - For harmonization with IMDS, the Application code of "Lead" have been revised. < Delete > 58 (Lead in compliant pin connector systems) 	Page9

I. Upgrade items for Data input form

1. Cover sheet

JAMA/JAPIA Standard Material Datasheet

Ver.2.40
November1, 2016

Revision of JAMA/JAPIA Standard Material Datasheet is implemented as follows.

<November 1, 2016>

- JAMA and JAPIA issued the revised JAMA Standard Material Datasheet (Ver.2.40) for consistency with IMDS and for improvement of user convenience.
Please refer to the document in JAPIA website for detail information of revision.
- "External list" was updated for consistency with the latest GADSL(2016 GADSL Version 2.0)
- "External list" was updated, because SVHC of EU-REACH regulation was added on June 20th, 2016.

<June 1, 2016>

- JAMA and JAPIA issued the revised JAMA Standard Material Datasheet (Ver.2.33) for consistency with IMDS
Please refer to the document in JAPIA website for detail information of revision.
- "External list" was updated for consistency with the latest GADSL(2016 GADSL Version 1.1)
- "External list" was updated, because SVHC of EU-REACH regulation was added on December 17th, 2015.

<November 1, 2015>

- JAMA and JAPIA issued the revised JAMA Standard Material Datasheet (Ver.2.32) for consistency with IMDS and for improvement of user convenience.
Please refer to the document in JAPIA website for detail information of revision.
- "External list" was updated for consistency with the latest GADSL(2015 GADSL Version 1.3)
- "External list" was updated, because SVHC of EU-REACH regulation was added on June 15th, 2015.

<June 1, 2015>

- JAMA and JAPIA issued the revised JAMA Standard Material Datasheet (Ver.2.31) for consistency with IMDS
Please refer to the document in JAPIA website for detail information of revision.
- "External list" was updated for consistency with the latest GADSL(2015 GADSL Version 1.0)
- "External list" was updated, because SVHC of EU-REACH regulation was added on December 17th, 2014.

(The rest is omitted.)

<Change>
Version number and Date have been revised.

<Change>
Summary of Revision has been added.

3. Check Specification of Substance portion

IMDS Change points (2015 November)

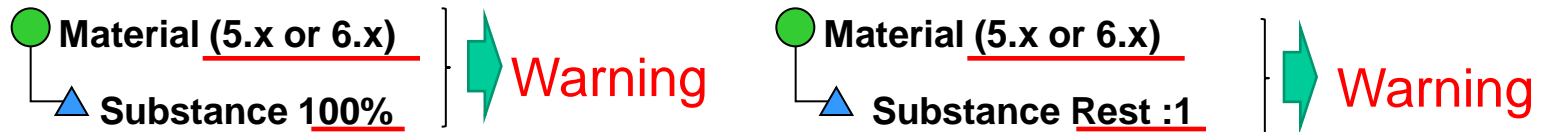
For materials whose VDA classification is 5.x or 6.x, a warning occurs when one substance's portion is 100%. (Purpose : to prevent from missing additives of plastics or rubbers)
IMDS checks this in case that a new material is created or an existing material is referred to an MDS

JAMA sheet change points

JAMA Sheet checks with the same condition as IMDS
Target: all materials in JAMA sheet, with no matter if a material is a new or existing one

(1)Check function

When VDA Classification of a material is 5.x or 6.x and only one substance is included in it, and its portion is 100% (Fixed value) or 1 (Rest), a warning is shown. (The figure below)



4. Check Specification of weight deviation

IMDS Change points (2015 November)

“Tolerance” has banned. Check of “Deviation” has become common among all OEMs. Max deviation values according to weight class of component at each level in the MDS structure have been set. Warning will be returned when the Deviation is beyond the “Max. deviation in %”

JAMA sheet change points

JAMA Sheet checks with the same condition as IMDS

Max. deviation of component weight in IMDS

Weight of component (X)	Max. deviation in %
$X < 1\text{g}$	100
$1\text{g} \leq X < 100\text{g}$	10
$100\text{g} \leq X < 1\text{kg}$	5
$1\text{kg} \leq X < 10\text{kg}$	2
$10\text{kg} \leq X < 100\text{kg}$	1
$X \geq 100\text{kg}$	0.5

(1)Check function

- When the check button is pressed, JAMA sheet checks with the same condition as IMDS. Warning will be returned when the Deviation is beyond the “Max. deviation in %”
- Existing checks below are banned;
 - difference from sum of lower structure is smaller than 5% :Warning
 - difference from sum of lower structure is 5% or bigger :Error

5. Add entry item Biocidal Purpose

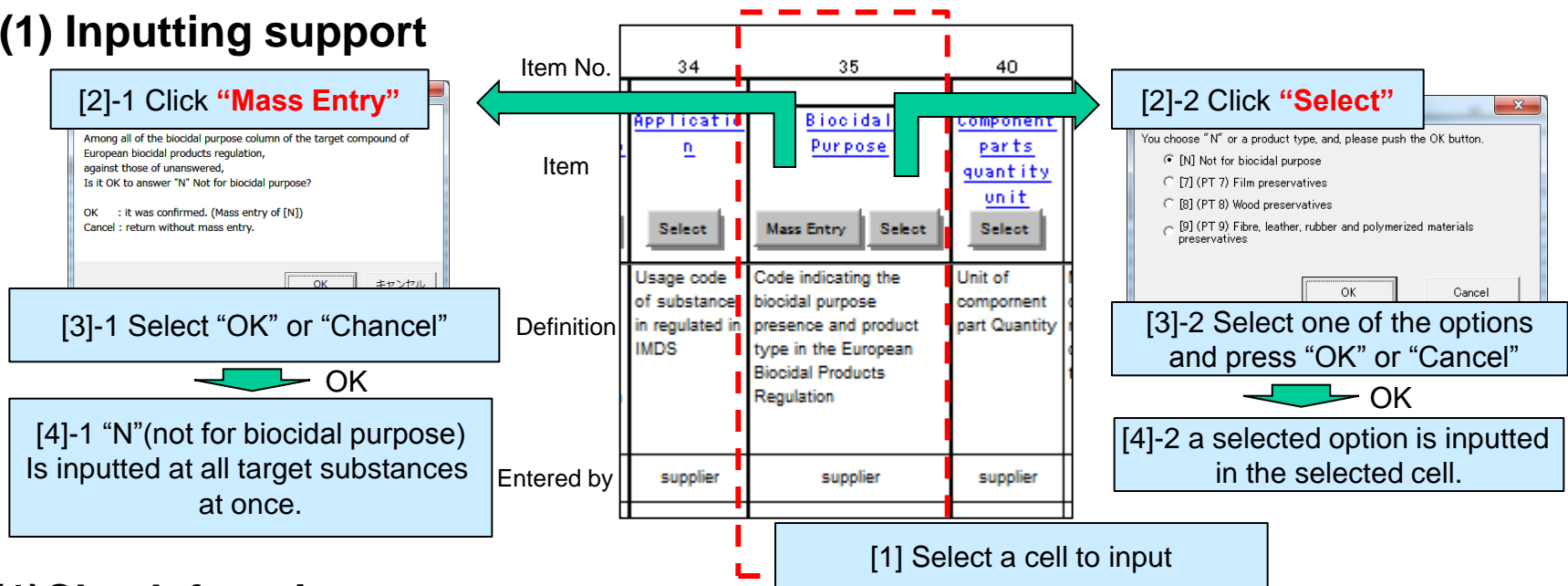
IMDS Change points (2016 November)

Users must answer for “Biocidal purpose”(Yes/No) on each substance related BPR (Group 26 at 2016 GADSL V2). And if “Yes”, users must also answer “Product Type”.

JAMA sheet change points

Users must answer “Product Type” (application) when it is added for biocidal purpose, and answer “N” when it is not added for biocidal purpose.

(1) Inputting support



(1) Check function

One of “N”, “7”, “8”, or “9” is not inputted for a substance related BPR. :Error

Notice: The inputted values are not set in an XML file. Please input the answers into IMDS screen directly for IMDS report.

II. External list

3. Substance list

On and after the upgrade in June 2015, BPR related substances have been added. Please note that special statements for treating these substances are written in the GADSL reference list.

* : Biocidal Products Regulation

Allocation of GADSL classifications for "Biocidal coatings / biocidal additives, selected":

- Allowed to use: "D",
- Prohibited in one or more purposes (Product Type): "D/P"



In JAMA/JAPIA standard material data sheet shows even these substance names as "Brown for D, Purple for D/P and Red for P" simply according to GADSL classification. These substances may be treated as exemption depending on conditions.

From JAMA sheet released on November 1, 2016, entry item and related functions for BPR are available.

5. Application code list(IMDS_APP, IMDS_SUB_APP)

For harmonization with IMDS, the Application codes of "Lead and Lead compounds" have been changed as follows.

< Delete old application code > Reflected IMDS update on June 14, 2016

ID	Application code
58	8f) - Lead in compliant pin connector systems

Please select a proper application code from 67 or 68 due to deleting the code 58.

< Segmentalized application codes from the code58 >

Reflected IMDS update on June 14, 2016

ID	Application code
67	8f) (a) - Lead in compliant pin connector systems
68	8f) (b) - Lead in compliant pin connector systems other than the mating area of vehicle harness connectors

(Supplemental remarks)

Data compatibilities between Old versions and Ver. 2.40

(1) External List

Not compatible

Users must use the external list Ver.2.40.

The external list of Ver. 2.33 or older cannot be used because some of functions, such as material selecting function, doesn't work properly.

(2) CSV file

Compatible (Not compatible under a specified condition)

The JAMA Standard Material Datasheet can import CSV files created by older version sheet (From Ver. 2.01 to Ver. 2.33)

However some errors may occur because of the modification of materials and substances in the new external list.

In case of errors, the data has to be corrected.