

IMDS Newsletter 43

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INTERNATIONAL
MATERIAL DATA
SYSTEM

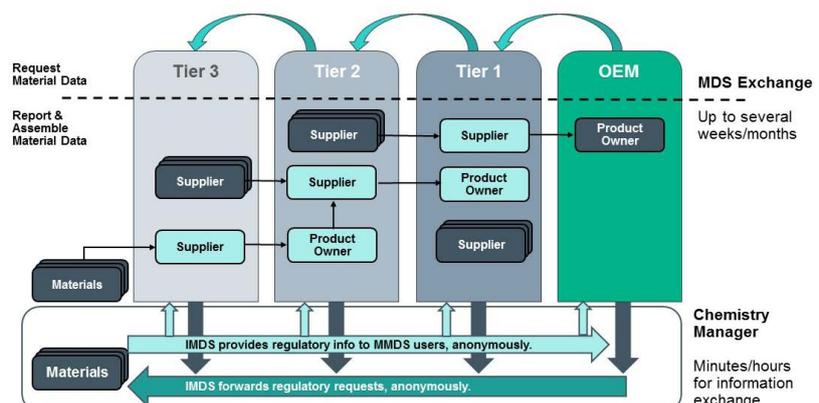
In this IMDS Newsletter issue you can read about the following:

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1. IMDS Release 11.0 - new function "IMDS Chemistry Manager"

The new IMDS "Chemistry Manager" functionality allows companies to provide REACH Annex XIV Regulatory information and Biocide Product Regulation (BPR) along the supply chain in a faster way without blocking the "classic" MDS data traffic and still maintaining the link between the added regulatory information and the related MDSs. The design was developed in cooperation with stakeholders from the different supplier associations and supplier groups.

The following illustration shows that regulatory information entered and released will be available to all usages of the related MDS instantly while the existing MDS reporting is linked to the processes along the supply chain. Requests for entering regulatory information required for the European Economic Area (EEA) are needed for companies whose materials or products are used in supply chains inside the European Union (EU). If materials or products are not used in the EU, your company will not receive any requests for entering regulatory information related to these EEA regulations. A more detailed description of this new function can be found in the [Detailed IMDS Release 11.0 information document](#).



2. Further changes with IMDS Release 11.0

IMDS Release 11.0 production rollout is currently planned for 12th / 13th November 2016 (during a weekend). For this release, the rollout process, including a longer testing period (one month for feedback and three months for testing), will be applied prior to production of IMDS Release 11.0 since it is impacting IMDS Advanced interface (IMDS-AI). Additionally, representatives of AIAG, CLEPA and JAPIA are involved in the testing of the new IMDS Release 11.0 functions, particularly the IMDS Chemistry Manager.

In addition to the IMDS Chemistry Manager function, the following changes are included:

- Mark own MDSs as 'obsolete'
- Allow Forwarding for Material MDSs
- Final version MDSs must not contain references to preliminary MDSs
- The checkbox titled 'I have declared all GADSL substances' and related check for Material MDSs will be removed

A detailed description of the changes can be found in the [IMDS Release 11.0 information](#) and in the [Detailed IMDS Release 11.0 information document](#) on the Chemistry Manager enhancement.

3. 7th revision of the EU ELV Directive Annex II - significant changes

Recently published in the EU Official Journal (Commission Directive (EU) 2016/774 of 18 May 2016), there are [changes in the EU ELV \(2000/53/EC\) Directive Annex II](#).

The Annex II defines exemptions from the ban of Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr VI) and Cadmium.

In the 7th revision of Annex II the EU Commission decided not to prolong the exemptions 8(h)*, 8(j)* and 10(d)* respectively to fix an end date for new EU type approved vehicles. The exemptions 8(e)*, 8(f)* and 8(g)* have been considered as remaining unavoidable, but have been provided with a review date in 2019. (* for explanation on the application names see below)

Special attention is required concerning exemption 8(f), "Lead in compliant pin connector systems". This exemption was split into two sub-exemptions, 8 (f) (a) and 8 (f) (b). In a nutshell, the difference is that 8 (f) (a) includes lead plating the "mating area" of a pin whereas 8 (f) (b) just covers the part of the pin without the mating area.

8 (f) (a) will only be allowed for automobiles with type approval before 01. January 2017.

8 (f) (b) will remain valid at least until the next review in 2019.

The Application Codes in IMDS have been updated accordingly (see 4. below: Application Code changes in IMDS). Companies applying compliant pin connector system technology ("press fits") are kindly requested to carefully check if leaded pins are used and to apply the correct new Application Codes as of now.

Details and help understanding this new regulation can be found in the "Automotive Industry Interpretation Guide for ELV Annex II" published by several industry associations. [It can be downloaded from the public IMDS pages](#).

The next reviews of Annex II entries are approaching and working groups are going to continue their work. Support by interested companies from the whole supply chain is highly appreciated in this context. Please contact your industry association if you would like to support any of the initiatives with your expertise.

* 8(h) Lead in solder to attach heat spreaders to the heat sink in power semiconductor assemblies with a chip size of at least 1 cm² of projection area and a nominal current density of at least 1 A/mm² of silicon chip area

- * 8(j) Lead in solders for soldering of laminated glazing
- * 10(d).Lead in the dielectric ceramic materials of capacitors compensating the temperature-related deviations of sensors in ultrasonic sonar systems
- * 8(e). Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
- * 8(f). Lead in compliant pin connector systems
- * 8(g).Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages

4. Application Code changes in IMDS

On Tuesday, 14th June 2016, the following changes and amendments were applied to the IMDS Application Codes:

1. The 8(f) Application Code was deactivated and replaced by two new codes:

8(f) (a) - Lead in compliant pin connector systems

8(f) (b) - Lead in compliant pin connector systems other than the mating area of vehicle harness connectors

2. There was a wording change of “Lead in solders for soldering in laminated glazing” to “Lead in solders for soldering of laminated glazing”. Where these exist, current (e.g. 8(a), 8(b), 8(c), etc) numbers were moved to the beginning of the application text. For both amendments, existing application data entries for MDSs match automatically. The related Application IDs did not change.

3. In the MDS Detail screen, where applications can be selected, a link to the Application Code Guidance Document by the Automotive OEMs was added so it can be accessed directly from there.

5. The interpretation of Warnings in IMDS

Based on discussions after IMDS Rel. 7.0 and as agreed with suppliers organized in AIAG and CLEPA, the IMDS Steering Committee published the [information regarding Warnings in IMDS quality checks](#). Please read this document first if you have questions about accepting or rejecting MDSs.

6. DUNS Number in Supplier Data and Recipient Data as Supplier Code

Some OEMs reject MDSs because the DUNS numbers entered in Supplier Data and Recipient data are not identical. For some Suppliers this is necessary due to business processes and according to the Company/Org.-Unit setup in IMDS.

Removing the DUNS in the Supplier Data is not possible for the following reasons:

- This function has been introduced to make the DUNS number maintainable by Company Administrators for the own Organization and reuse for sending as supplier code. Although both are DUNS numbers, the Supplier data DUNS number describes the DUNS of the Company/Org.-Unit creating the MDS, while in Recipient Data it is the DUNS as expected by the recipient.
- Not displaying the DUNS in the IMDS WebApplication Supplier data would not solve the problem, because OEMs rejecting probably use an In-house System where they compare the company data containing DUNS numbers with the DUNS number in the MDS recipient data.

This difference between the DUNS numbers is no reason for rejection.

Your participation

Please help us with your feedback. If you would like to contribute to this Newsletter with articles and comments concerning the IMDS and environmental issues in your company, please contact us by email. For suggestions, further information and questions, please contact imds-newsletter@hpe.com

6. Who to contact at the automobile manufacturers?

Anadolu ISUZU		Mitsubishi	Mitsubishi IMDS
Otomotiv	E. Sener		Coordinator
Aston Martin Lagonda	D. Pearson	NEVS	M. Axsater
BMW	Dr. K. Oldenburg-Nazaruk	Nissan	N. Hattori
		Porsche	M. Weck
Daihatsu	Daihatsu IMDS	Renault	Renault IMDS
	Coordinator		Coordinator
Daimler	V. Ackermann	Renault Samsung	Renault Samsung
FAW-VW	Xin Bao		IMDS Coordinator
FCA US LLC	Chris Sidney	SAIC	Yusong He
Fiat	K. Zardo	SAIC GM	Helian Qingjun
Ford	S. Riewer	SAIC Volkswagen	Shen Jian
Fuji Heavy Industries	SUBARU IMDS	Scania	Frank Schlüter
	Coordinator	Ssangyong	Chae-Eun Lee
General Motors	Anne Grützner	Motor Company	
GM India	Kirankumar Jagatap	Suzuki	Suzuki IMDS
GM Korea	Hyunkyung Kim		Coordinator
Hino	HN-Gikan Peis	Tata Motors	M. Hatwalne
Honda	Honda IMDS	Tesla Motors	S. Nagaraj
	Coordinator	Toyota	E. Hoffmann
Honda-Sundiro	Akira Iwatake	UD Trucks	K. Kuwahara
Hyundai	T. Unger	Volkswagen	VW IMDS
Isuzu	Y. Hara		Coordinator
Jaguar Land Rover	M. Griffin	Volvo Car	
JSV AVTOVAZ	O. Demicheva	Corporation	I. Rade
Karma	G. Lewis	Volvo Group	Volvo Group IMDS
Kubota	Kubota Corp. Quality		Coordinator
	Ass. Promotion Dpt.	Wuyang-	Wuyang-Honda
Mazda	T. Tomita	Honda Motors	IMDS Coordinator

Editorial

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