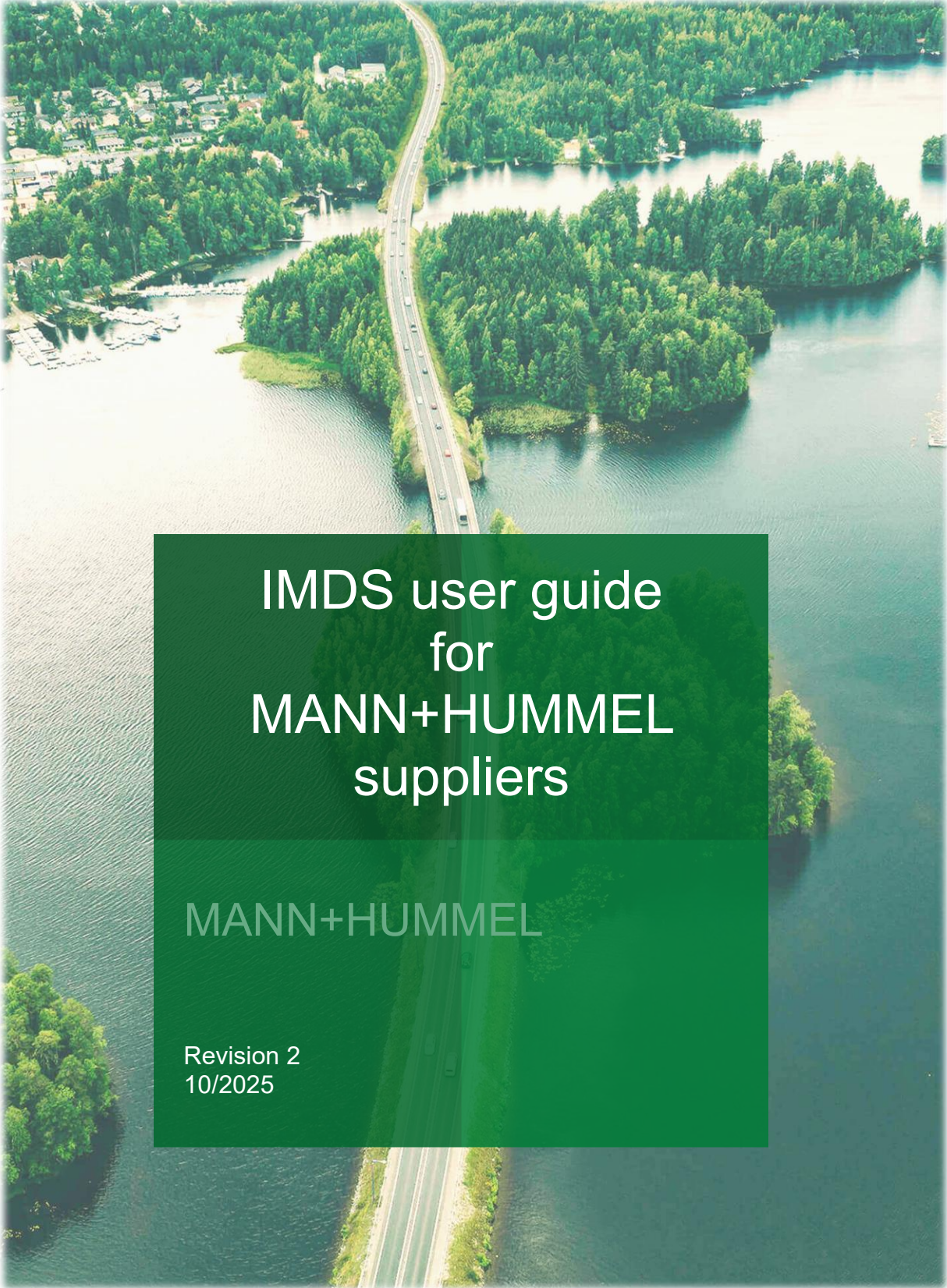


An aerial photograph of a multi-lane road bridge crossing a large body of water. The bridge is surrounded by lush green forests and some residential areas on the left. A semi-transparent green rectangular box is overlaid on the lower half of the image, containing white text.

IMDS user guide for MANN+HUMMEL suppliers

MANN+HUMMEL

Revision 2
10/2025

Contents

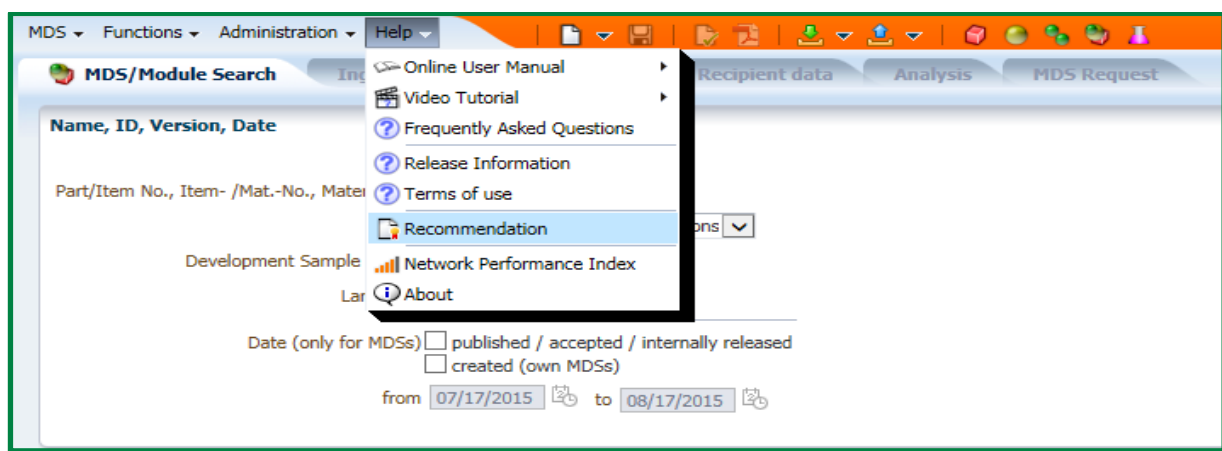
	Page
1 Purpose.....	3
2 IMDS USER GUIDE.....	4
2.1 IMDS SUBMISSION.....	4
2.2 WHERE TO SEND YOUR MDS.....	5
2.3 HOW TO REPORT YOUR PRODUCT.....	5
2.3.1 Component.....	6
2.3.2 Semicomponent	7
2.3.3 Material	8
2.3.4 Substance	10
2.3.5 Recipient Information	11
TEN STEPS TO SUCCESS	12
3 Referenced and applicable documents	13

1 Purpose

This document contains instructions for creation and submission of material data sheets to MANN+HUMMEL Company. Except specific MANN+HUMMEL requirements all rules are taken from IMDS Recommendation which can be found on International Material Data System website <http://www.mdsystem.com> and from our customer's requirements published in the respective customer specifications.

General information on registering can be found on IMDS Information Pages: <https://public.mdsystem.com/en/web/imds-public-pages>. There are also available detailed manuals in several languages.

IMDS Recommendation can be found after login into IMDS System in section Help.



For questions regarding your login, password, invalid account etc. please contact your local IMDS Service centre <https://public.mdsystem.com/en/web/imds-public-pages/imds-service-centers> provided by DXC system.

Providing complete material information in IMDS system is MANDATORY for all automotive suppliers.

2 IMDS USER GUIDE

2.1 IMDS SUBMISSION

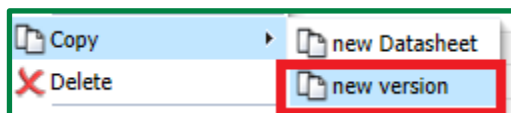
New IMDS

New MDS ID needs to be created when part or material is introduced for the first time to the customer. New customer part number requires new IMDS ID. Change from 1234567S01 to 1234567S02 requires new IMDS ID.

For one part number from one company ID (one supplier) only one IMDS ID should exist. Only acceptable exemption is for material multisourcing.

New version

A need for revision of existing datasheets is caused by several circumstances e.g. change of the material, change of the weight, change of the sub supplier, change in GADSL or the REACH SVHC list or IMDS is older 10years. In this case new version of previously accepted ID has to be created . In search results right-click on accepted IMDS and choose Copy – New version.



Rule 3.2.2.B	The same customer part number with updated content requires a new MDS version (same IMDS ID, higher version number), if: - there is a change in GADSL or the REACH SVHC list - A reference is added, changed, or deleted - there is a change in part mass - there is a special request concerning the law.
--------------	--

Rule 3.2.1.D	When there is a change to the GADSL (suppliers to Renault: RNE list) or the REACH SVHC list, all MDSs that have a joker/wildcard in their tree structure must be reviewed to determine whether the substance that the joker/wildcard replaces is now declarable or prohibited. Should that be the case, a revised submission with a full non-confidential disclosure of the declarable or prohibited substance is required by the date in the legislation. If no date is given or the date is longer than 6 months, the resubmission must occur no later than 6 months from the publication date of the updated GADSL or REACH SVHC list(OEMs may determine a longer timeframe).
--------------	---

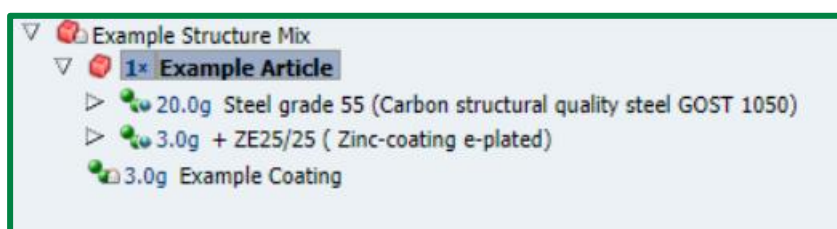
2.2 WHERE TO SEND YOUR MDS

M+H Location	Company ID
MANN+HUMMEL GmbH – central company unit	1126
MANN+HUMMEL Filtration Technology	172844
MANN+HUMMEL Filtration Technology Poland Sp. z o.o	206036
MANN+HUMMEL Filtration Technology Longkou	274475
MANN+HUMMEL Molecular GmbH	256848

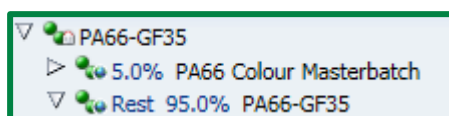
2.3 HOW TO REPORT YOUR PRODUCT

Depending on the nature of product IMDS are reported as components, semi-components or materials.

Mixture of components with semi-components or materials on the same level is NOT allowed, unless the material or semi-component is not an article, but a coating, lubricant or similar.



Parental material node is only allowed for homogenous materials. For example basic polymer material and colour masterbatch are mixed and processed into a new coloured material.



Two or more materials forming layers cannot be regarded as homogeneous. Example Zinc coating on steel or paint layers cannot be reported as a material with sub-materials, as the top material is not homogenous.

2.3.1 Component

Component is a single finished product or assembly with defined weight (e.g. screw, cover, o-ring, pressure sensor, sound pipe assembly).

No.	Field	Description
1.	Description	Use English language
2.	Part Number	Must be 10 digits long, no blank spaces special format for certain locations (MHBR - R390004713100, MHKR - D1267310301, MPUS - U6954728)
3.	Preliminary	Only used for prototypes – not acceptable by customers
4.	Weight tolerance	< 1g - 100%; < 100g - 10% < 1kg - 5% < 10kg - 2% < 100kg - 1% ≥ 100kg - 0.5%
5.	Polymeric mark	YES - material code is on product N/A - there is no code NO - do not use (for cases where there should be mark, but is not)

COVER

 20.0g PA6-GF3

Details

Common Information

Type Component (own MDS)

ID / Version 1438522741 / 0.01

Node ID 1438522741

Node count 5

MDS Supplier MANN+HUMMEL GmbH

1. Description COVER *

2. Part/Item No. 1013099S01

3. Preliminary MDS ☐

Multi Sourced No

Amounts and Weights

Measured weight per item 19.0 g *

Calculated weight per item 20.0 g

4. Deviation 5.263% ?

SCIP

SCIP No.

SCIP Submission No.

Production in European Union No Data

Article Category

Taric Code	Description Level 1	Description Level 2	Description Level 3	Descriptions Levels 4 - 10
8708999790	Vehicles, air...	Vehicles othe...	Parts and ac...	Other parts and accessories > Other > Oth...

SVHC Safe Use Instructions Required ☐

5. Parts Marking

Polymeric part(s) marked

Yes (Parts marked as required by law.)

 No (Parts not marked as required.)

 Not Applicable (Parts do not require marking due to specifications of weight, geometric restriction or surface requirements.)

2.3.2 Semicomponent

Semi-finished product that will go through further process steps such as cutting, stamping etc. (steel coil, pipe, sheet metal, leather hide, plated steel, roll of paper, coil of wire).

No.	Field	Description
1.	Name	Use English language (do not use trade)
2.	PN	Must be 10 digits long, no blank spaces, same IMDS for different widths can have 999 as last three digits
3.	Specific weight	Length, area, volume

Filter: GADSL

☐ show regulatory information

METAL SHEET

- 99.3855% DC04
- 0.6077% + ZE25/25 (Zinc-coating e-plated)
- Rest 0.0068% Passivation blue/transp. Zn/ZnFe/ZnNi

Details

☒ **Common Information**

Type: Semicomponent (own MDS)
ID / Version: 1434172750 / 2
Node ID: 1434176058
Node count: 16
MDS Supplier: MANN+HUMMEL GmbH
1. Article Name: METAL SHEET
2. Item- /Mat.-No.: 0309207999
Preliminary MDS: No

☐ **Dates**

☒ **Amounts and Weights**

3. Specific weight: 5.9239 kg/m² for area

☒ **Product Carbon Footprint**

PCF of referenced MDSs: ☐

PCF per production site: ☐ show discontinued production sit

Region	Country	Zip or Postal Code	Total PCF (including biogenic)	Time Period	Tef

2.3.3 Material

Material MDS must ONLY be created by producers of these materials. Companies not producing materials must ask their material suppliers for material MDS or use respective material MDS published by IMDS Steering Committee and Stahl und Eisen liste. For common surface treatments as e-plate, passivation, zinc-flake coating, topcoat and sealants standard published materials by Zentralverband Oberflächentechnik, Nof Metal Coatings, Doerken MKS, Magni can be found.

The screenshot shows the IMDS Material Search interface. The top navigation bar includes 'MDS', 'Functions', 'Administration', and 'Help'. Below this, there are tabs for 'Material Search', 'Ingredients', 'Supplier Data', 'Recipient data', 'Analysis', and 'MDS Request'. The 'Material Search' tab is active, displaying search criteria in three main sections: 'Name, ID, Version, Date', 'Norm, Symbol, Classification', and 'Supplier MDSs, Own MDSs/Modules'. The 'Name, ID, Version, Date' section includes fields for Name (XSCrNi18-10), Internal Mat.-No., ID, Development, Sample Report, Language (English), and Date. The 'Norm, Symbol, Classification' section includes fields for Trade name, Std. Mat.-No. (1.4301), Symbol, Norm (EN 10088), and Classification (1.1.2). The 'Supplier MDSs, Own MDSs/Modules' section includes checkboxes for 'accepted MDSs', 'published MDSs', and 'own MDSs', and a table listing suppliers and their company/org IDs. A search button is located at the bottom right. Below the search criteria, a table shows the search results:

Type	Name	Symbol	Trade name	Std. Mat.-No.	Internal Mat.-No.	ID / Version	Supplier
	XSCrNi18-10	-	-	1.4301	1.4301	22854 / 11	Stahl und Eisen Liste

Following information should be filled in.

No.	Field	Instruction
1.	Name	Only English names are allowed (Rule 4.4.2.A), trade names are not allowed in this field (Rule 4.4.2.B), must be according to ISO norm (Rule 4.4.2.C) or descriptive (Rule 4.4.2.D)
2.	Symbol	Should match material name according to respective ISO norm
3.	Classification	Classification should be chosen according to IMDS Annex I
4.	Public Norm	Especially for materials with classification 5.x use appropriate ISO norm, IMDS Rule 4.4.2.C
5.	Recycle information	Fill in recycle information for all material classifications
6.	Regulatory information	Regulatory information is mandatory for relevant substances within materials. Without this information IMDS can't be sent.
7.	Application	Valid Application for restricted substances, filled in on component level

CLAMP

3.8g X10CrNi18-8

0.05 - 0.15% Carbon

16.0 - 19.0% Chromium

0.0 - 2.0% Manganese

0.0 - 0.1% Nitrogen

6.0 - 9.5% Nickel

0.0 - 0.045% Phosphorus

0.0 - 0.015% Sulphur

0.0 - 2.0% Silicon

Rest 65.39 - 77.95% Iron

0.0 - 1.0% Copper

0.0 - 0.8% Molybdenum

Details

Common Information

TypeMaterial (published MDS)

ID / Version36413360 / 6

Node ID611105729

MDS SupplierStahl und Eisen Liste

1. NameX10CrNi18-8

Trade name-

Internal Mat.-No.-

Preliminary MDSNo

Dates

Amounts and Weights

Material Information

Std. Mat.-No.1.4310

2. Symbol-

3. Classification1.1.2 highly alloyed

4. Norms / Standards

Company	Norm	Norm Code
-	EN	10088-1
-	EN	10088-2
-	EN	10088-3
-	EN	10151
-	EN	10263-5

Supplier-

5. Source of material, including circular materials

Does the material contain recycle?No

Mechanical (pre-consumer)-

Mechanical (post-consumer)-

Chemical (pre-consumer)-

Chemical (post-consumer)-

Certified according to-

6. Application

ComponentSpring 60-80/12 W4

Application	Basic Substance	% (MIN)	% (MAX)	Application [ID]
	Nickel	6	9.5	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) [33]

7. Regulatory Information

Biocidal Product Regulation

Historynot available

Still in production?-

2 other company/companies have already requested an update of this regulatory information. The earliest request was sent on 07/23/2019.

Basic Substance

Regulation Wizard

Page 9 of 13

2.3.4 Substance

Substance is a basic structural element for all materials. Reactive substances (process chemicals) are usually not present in the finished product. In this case they shouldn't be part of MDS. In case they stay in finished product and their content is above 0,1% chemical presence type (impurity, reaction residue, intended use) must be chosen.

For certain chemical Regulatory information must be filled in.

2.22g ACM 45.0 - 55.0% ACM 35.0 - 45.0% Carbon black 0.5 - 1.5% 4-(1-Methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]aniline 1.0 - 2.0% 1,3-Di-o-tolylguanidine 6.0 - 9.0% Further Additives, not to declare	Name(s) 1,3-Di-o-tolylguanidine 1,3-Ditolylguanidine N,N'-Bis(2-methylphenyl)guanidine N,N'-Di-o-tolylguanidine CAS No. 97-39-2 EINECS-No. 202-577-6 EU-Index - GADSL Category duty-to-declare REACH-SVHC No Amounts and Weights Portion 1.0 - 2.0 % weighted mean 1.5% Basic substance groups Basic substance groups Process Chemicals Reactive Substances Renault Complete Renault Orange Chemical presence type Chemical presence type ?
---	---

2.3.5 Recipient Information

Information visible by customer

No.	Field	Description
1.	Company ID	Central M+H company ID 1126, or other location from chapter 2. – Where to send your IMDS
2.	Description	Use English language
3.	PN	Must be 10 digits long, no blank spaces special format for certain locations (MHBR - R390004713100, MHKR - D1267310301, MPUS - U6954728)
4.	Drawing details	Not mandatory

Received MDSs **Ingredients** **Supplier Data** **Recipient data** **Analysis** **MDS Request**

MANN+HUMMEL GmbH [1126] **Details**

☒ **Transfer Information**

1. Company MANN+HUMMEL GmbH [1126]
 Organisation unit -
 Recip. Status
 Supplier Code ?

2. Name **EXAMPLE** ?

3. Part/Item No. **1234567S01** ?
 Legacy Spare Part No ?
 Transmission/Check Date
 Forwarding allowed Yes

4. ☒ **Drawing**

Drawing No. **1234567S01**
 Drawing dated ?
 Drawing Change Level - ?

☒ **Purchase Order**

Purchase Order No. -
 Bill of Delivery No. -

☒ **Product Carbon Footprint**

Outbound Transport CF ? ☐ show discontinued production sites

Region	Country	Zip or Postal Code	Customer Site	Transport (including biogenic)

☒ **Report**

Report No. -
 Date of Report -

TEN STEPS TO SUCCESS

1. English name according to relevant ISO norm or descriptive (components, semicomponents, materials)
2. M+H part number format – no blank spaces or commas, usually 10digits (exceptions for MHBR, MPUS, FTPL)
3. Weight information must correspond with real state.
4. Tolerance must be within allowed range
5. Published materials used where possible
6. Polymeric mark filled in according to real state for all parts (mandatory for parts over 5g)
7. Recycle information filled in for all material groups
8. Regulatory information filled in
9. Valid Application code filled in according latest ELV directive
10. Send IMDS to central M+H company (ID 1126); MANN+HUMMEL Filtration Technology (ID 172844); MANN+HUMMEL Filtration Technology Poland Sp. z o.o (ID 206036); MANN+HUMMEL Filtration Technology Longkou (ID 274475); MANN+HUMMEL Molecular GmbH (ID 256848)

IF YOU HAVE DOUBTS REGARDING YOUR MDS, DO NOT HESITATE TO ASK FOR HELP!!!

Please feel free to contact us via email or phone for further assistance.

Email: mdm@mann-hummel.com

MANN+HUMMEL MDM Team

3 Referenced and applicable documents

IMDS 001 - IMDS General Rules and Guidelines can be found:

[IMDS | International Material Data System](#)