

MHN 780 000 Material Compliance Requirements

MANN+HUMMEL

Revision 3
05/2025

Revision History

Rev.	Date	Change	Editor
00	06/16/2023	Initial	Material Data Management
01	05/01/2024	Conflict minerals added	Material Data Management
02	1/12/2024	REACH paragraph added	Material Data Management
03	05/05/2025	CBAM and EUDR paragraphs added	Material Data Management

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Definitions & Terms

Purchased goods

All purchased goods within the scope of application of this standard such as articles / products (incl. packaging materials), mixtures and substances.

Article / Product

(definition as per REACH Regulation (EC) No. 1907/2006, article 3): "Object which is given a specific form, surface or shape by manufacturing which determines its function to a greater extent than its chemical composition."

Packaging materials

Disposable material intended for wrapping products for the purpose of protecting the products, during transport and/or storage. (e.g. cardboard boxes, plastic bags).

Mixture

Goods composed of two or more substances (e.g. adhesives, lubricants)

Substance

Chemical element and its compounds; ingredient, substance.

Prohibited substance

Prohibited (banned) substances may not be contained in purchased goods above the limit specified by the given regulations.

Restricted substance

Substance that can't be used under certain conditions specified by the given Regulations

Declarable substance

The substances classified as "declarable" shall be declared if above the limits specified by the given regulations. The lists substances shall be given for all purchased goods containing declarable substances.

Conflict minerals/Extended minerals

Conflict minerals is defined as gold, tantalum, tin, tungsten, cobalt and mica and any other mineral or its derivatives. These raw materials come from areas affected by conflict and can be used to finance armed groups and support human rights abuses and corruption.

List of Abbreviations

CAMDS	China Automotive Material Data System China Automotive Material Data System (camds.org.cn)
IMDS	International Material Data System IMDS International Material Data System (mdsystem.com)
PRFPP	Product Requirements File for Purchase Parts
SVHC	Substance of very high concern
Substantio	Web-based communication platform for collecting declarations of compliance with defined regulations from requested suppliers.

1 General Information

1.1 Purpose and Scope of the MANN+HUMMEL MHN 780 000 Material Compliance Requirements

This standard defines the minimum requirements with regard to prohibited, restricted and declarable substances in MANN+HUMMEL products. At the same time it applies to the entire supply chain for all purchased goods which are or will be delivered to MANN+HUMMEL plants worldwide in relation to the defined legal material compliance requirements and specific requirements of end-customers.

Compliance with this standard does not release the supplier from the responsibilities given in further applicable legislation and specifications.

Latest released version of MANN+HUMMEL MHN 780 000 Material Compliance Requirements is located in the [Supplier Area](#) on the MANN+HUMMEL website.

Suppliers are responsible to use the current version of the MANN+HUMMEL MHN 780 000 Material Compliance Requirements and therefore check updates on MANN+HUMMEL website.

1.2 Management Policy

Our Vision:

Leadership in Filtration by inspired people delivering outstanding solutions and superior results.

Management Policy

WE FIRMLY COMMIT TO

- A goal of **zero accidents** with a focus on "Health & Safety first".
- A goal of **zero defects** with a focus on "Quality always".
- Understand and meet our **customers'** expectations and requirements and therefore contribute to their success.
- Respect, consult and involve our **employees** as well as their representatives.
- Provide **healthy and safe working conditions** and protect the **environment** from pollution by elimination of hazards and reduction of risks to an acceptable level.
- Provide a great place to work as outlined in our **FILTER values**.
- Comply with all statutory requirements as well as binding obligations and live the **MANN+HUMMEL Code of Conduct**.
- Understand our organization, its interested parties as well as the internal and external issues that affect it, in order to set and meet our **objectives**.
- Cooperate with our **suppliers** in a fair partnership to achieve best quality, cost, service, safeguarding employees, environmental protection and legal compliance.
- Strive for excellence and meet our goals by assessing **risks** and **opportunities**, acting preventively as well as evaluating and communicating our performance.
- Provide the necessary resources to maintain and continually improve our **management system processes**.
- Be our **customers'** first choice in terms of quality, best service and innovative technologies.




Kurk Wilks
President & CEO

Emese Weissenbacher
Executive VP & CFO

POL-008, Rev. 3, Issue: 01/2022
This management policy is binding for all MANN+HUMMEL locations worldwide as defined within the Corporate Business Manual.

2 Regulatory requirements

The statutory requirements described in section 2 apply to all purchased goods being part of the MANN+HUMMEL products throughout the whole product lifecycle.

The application framework is precisely described in the selected laws.

The requirements apply also to packaging materials in the event that the given regulation is also valid for packaging material (e.g. REACH).

2.1 Regulatory requirements applicable for all product applications worldwide

Compliance with requirements listed in section 2.1 is required at the global level for all product categories due to the possibility of using the purchased goods in various semi-final or final products and applications that MANN+HUMMEL may sell on the markets or to customers, requiring fulfillment of these regional or sectoral-specific regulations.

- **EU Regulation 1907/2006: REACH**

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

- **SVHC Candidate list**

List of SVHC substances whose content above 0,1% (w/w) in purchase article/product is declarable within the supply chain.

<https://echa.europa.eu/candidate-list-table>

- **Annex XIV – Authorisation list**

The inclusion of a substance from the Candidate list in Annex XIV makes its use subject to authorization. After a transition period, the substance must only be used with an authorization, or its use is prohibited altogether.

<https://echa.europa.eu/authorisation-list>

- **Annex XVII- List of restricted substances**

List of substances regulating or prohibiting specified substances in individual applications defined by the legislator

<https://echa.europa.eu/cs/substances-restricted-under-reach>

- **SCIP Database**

Database for information on SVHC in articles as such or in complex products.

EU-based supply chain members are required to notify information on SVHC content in products/articles above 0.1%. Non-European members of the supply chain are obliged to provide the EU-based recipient with the necessary information for the notification.

<https://echa.europa.eu/cs/scip>

Suppliers delivering substances on their own or in mixtures to MANN+HUMMEL sites located in the European Union (EU), which are subject to registration under the REACH Regulation (EC 1907/2006), are required to ensure this registration.

The registration by an appointed Only representative in accordance with Article 8 is permissible for suppliers located outside of the EU. The contact data of the appointed only representative shall be disclosed.

- **EU Directive 2011/65: RoHS**

Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

https://ec.europa.eu/environment/topics/waste-and-recycling/rohs-directive_en

- **EU Regulation 2019/1021 POP**

Restriction of the use of persistent organic pollutants in chemical products and articles (POP Regulation).

<https://echa.europa.eu/list-of-substances-subject-to-pops-regulation>

The European regulation 2019/1021 covers the **UN Stockholm Convention** on Persistent Organic Pollutants from May 22nd 2001.

- **EPA Act (USA): Toxic Substances Control Act (TSCA), section 6(h)**

Regulates commerce and protect human health and the environment by requiring testing and necessary use restrictions on certain chemical substances, and for other purposes.

<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals>

- **OEHHA Act (California, USA)
Proposition 65: Safe Drinking Water and Toxic Enforcement Act**

Protects the drinking water sources from being contaminated with chemicals known to cause cancer, birth defects or other reproductive harm.

<https://oehha.ca.gov/proposition-65>

- **Conflict Minerals/Extended minerals Reporting**

Products must be free from conflict minerals, sourced from entities, which directly or indirectly finance conflicts in countries or originate from mining operations in conflict-affected and high-risk areas. This is done by integrating the “OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict Affected and High Risk Areas” into processes.

<https://www.responsiblemineralsinitiative.org/>

- **Carbon Border Adjustment Mechanism (CBAM)**

CBAM imposes a carbon price on imports to create a level playing field for EU producers and encourage global emissions reduction. This mechanism targets imports from countries outside the EU Emissions Trading System (ETS) to prevent Carbon leakage.

For the products in scope of CBAM, a CBAM report must be provided on the template designed by EU Commission.

https://taxation-customs.ec.europa.eu/carbon-border-adjustment-mechanism_en

- **Regulation (EU) 2023/1115 on Deforestation-free Products (EUDR)**

By promoting the consumption of 'deforestation-free' products and reducing the EU's impact on global deforestation and forest degradation, the [Regulation \(EU\) 2023/1115 on deforestation-free products](#) is expected to bring down greenhouse gas emissions and biodiversity loss.

Any operator or trader who places these commodities on the EU market, or exports from it, must be able to prove that the products do not originate from recently deforested land or have contributed to forest degradation.

For the products in scope of EUDR, this data is provided to our company via software Osapiens.

https://environment.ec.europa.eu/topics/forests/deforestation/regulation-deforestation-free-products_en

2.2 Regulatory requirements for specific product applications

2.2.1 Automotive applications

- **EU Directive 2000/53: ELV**

Directive End-of-Life Vehicles

https://environment.ec.europa.eu/topics/waste-and-recycling/end-life-vehicles_en

- **Global Automotive Declarable Substance List**

Published and annually updated by Global Automotive Stakeholder Group (GASG).

<https://www.gadsl.org/>

2.2.2 Industrial applications Marine

- **IMO Resolution MEPC. 269(68) 2015**

The IMO Resolution MEPC covers the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships from May 2009.

<https://www.imo.org/en/OurWork/Environment/Pages/Ship-Recycling.aspx>

[https://wwwcdn.imo.org/localresources/en/KnowledgeCentre/IndexofIMOResolutions/MEPCDocuments/MEPC.269\(68\).pdf](https://wwwcdn.imo.org/localresources/en/KnowledgeCentre/IndexofIMOResolutions/MEPCDocuments/MEPC.269(68).pdf)

2.2.3 Industrial applications Railway

- **Rail Industry Substance List**

<https://www.unife.org/activities/environment-and-sustainability/rail-industry-substance-list/>

2.3 Specific requirements of end-customers or other regulatory requirements

Additional specific requirements of end customers or another regulatory requirements may apply for certain purchased products. These specific requirements will be defined by MANN+HUMMEL during the implementation phase of a specific new product as part of document Product Requirements File for Purchase Parts (PRFPP).

2.4 Methods and forms of declaration

Suppliers **must** provide MANN+HUMMEL with the required data or material compliance declaration upon request.

Material compliance declaration of purchased products with this standard is required in several steps/levels and forms.

2.4.1 Implementation of new project

2.4.1.1 In the mass production preparation phase.

As defined in MANN+HUMMEL cross-company Simultaneous Engineering Process (xSEP- Gate 4).

2.4.1.2 In SOP preparation phase (PPAP)

As defined in MANN+HUMMEL cross-company Simultaneous Engineering Process (xSEP- Gate 5).

Declaration Form:

PRFPP is required for purchased parts for all product categories. According to the matrix:

Product category	Declaration method preferred	Alternative declaration method
Passenger cars	IMDS / CAMDS	n/a
Heavy duty on-roads	IMDS	n/a
Heavy duty off-roads	IMDS	M+H specific excel file
Industrial general	IMDS	M+H specific excel file
Industrial Marine	IMDS	M+H specific excel file
Industrial Railway	IMDS	M+H specific excel file
trading goods - all applications	M+H specific excel file	n/a

*CAMDS is valid for purchased products used for Chinese OEMs only.

2.4.2 Relevant technical change during the product life cycle

Declaration Form: according to the matrix:

Product category	Declaration method preferred	Alternative declaration method
Passenger cars	IMDS / CAMDS	n/a
Heavy duty on-roads	IMDS	n/a
Heavy duty off-roads	IMDS	M+H specific excel file
Industrial general	IMDS	M+H specific excel file
Industrial Marine	IMDS	M+H specific excel file
Industrial Railway	IMDS	M+H specific excel file
trading goods - all applications	M+H specific excel file	n/a

*CAMDS is valid for purchased products used for Chinese OEMs only.

2.4.3 Repeated declarations throughout the whole product lifecycle

In the event of changes in the requirements of individual regulations.

Declaration Form:

Declaration provided through platform **Substantio** upon request for all active purchased products without IMDS on regular basis.

2.4.4 Other related duties

MANN+HUMMEL Group makes the MHN 780 000 Material compliance requirements standard available on its website.

The supplier is obliged to check at least every 6 months whether an updated material compliance standard is available. The respectively latest version replaces the preceding version and is applicable with immediate effect.

The supplier will not be notified about changes or versioning of this standard.

Should possible legal changes not be reflected in this standard yet, this will not release the supplier from the obligation to comply with these legal changes and observe the latest and respectively applicable statutory require.

Referenced Documents

Document	Where to find
IMDS user guide for MANN+HUMMEL suppliers	<u>Website</u>
Global Manual for Suppliers	<u>Website</u>
REACH Requirements for Suppliers	<u>Website</u>
Code of Conduct for Suppliers	<u>Website</u>
MHN 780 000 Material Compliance Declaration Form (xlsx.)	<u>Website</u>