

1. Scope

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2. Preface

It is our policy to harmonize people's wishes, environmental requirements and the interests of our enterprise, making environmental, occupational and health protection a firm constituent of our corporate activities.

Our aims are as follows:

- To comply at all times and in all locations with laws and in-company regulations which are in force.
- To attach major importance to developing long-life plants which can be re-introduced into the business cycle.
- To prevent our operating processes having a negative effect on the environment.
- To continuously reduce consumption of raw materials, ancillary and process materials, water and energy by using the best economically viable technologies.
- To apply the highest possible safety standards in all our processes and for all our products.
- To revise and continuously improve all our activities regarding environmental, occupational and health protection.

It is consequently essential to maintain an exchange of information and dialogue within the value-added chain – from raw material exploitation to the manufacturing of initial products, components, end products themselves through to their utilization and finally, their salvaging and/or disposal.

Legal stipulations and regulations already form a basis regarding the passing on of information about products in the supplier-customer chain. Looking ahead to future developments, information will be supplemented and a dialogue regarding possible risks to man and the environment will be introduced. It is essential that all participants cooperate in trust to achieve the target-related solutions.

3. Basic Principles

The following is a list of substances, or substance classifications which are subject to declaration / undesirable / prohibited – ingredients in components and materials which are to be found in engines and ventilators and which, according to current information, represent potential risks for man and the environment during the manufacturing stage, in use as well as when recovered and disposed.

The list is based on:

- Legal provisions
- Governmental regulations
- Ergonomic knowledge
- In-company plans for precautions and prevention of risks for man and the environment which can result from materials and process materials
- Customer requirements
- Our responsibility towards man and the environment

Such substances, which include special risks, have been particularly taken into consideration. They include:

- Carcinogenic substances
- Substances which adversely influence reproductiveness
- Mutagenic substances
- Sensitizing substances
- Toxic and extremely toxic substances
- Pollutants
- Radioactive Substances

4. List of substances which are subject to declaration / undesirable / prohibited

- Appendix 1 of this guideline

Changes to the last effective version of the list of substances are marked in blue writing

4.1 Explanations

Column 1 –Classification

D: Substances subject to declaration.

Dialogue between supplier and purchasing company is essential.

Condition for delivery is a written clearance.

U: Substances, which are undesirable according to in-company information.

This is especially true for products, which are not covered by legal prohibition rules.

Dialogue between supplier and purchasing company is essential.

Condition for delivery is a written clearance.

V: Substances, which are prohibited. They must not be included above the permissible limits.

Column 2 - N = new

New Entries

Column 3 - substance

The column contains chemical single compounds and/or groups of substances. Where groups of substances are given, the individual substances are, as a rule, also given.

Column 4 – EU index number

An EC numbering system from Appendix 1 of the EEC directive 67/548/EEC: list of hazardous substances.

Column 5 – CAS-No.

Registration number of the Chemical Abstract Service.

Column 6 - source

Laws, decrees, guidelines and regulations are given. If the line is empty, it means on-company or customer requirements.

Column 7 – hazards and/or risks

Ranking and /or assessment of the substances as listed in Guideline 67/548/EWG in Appendix 1 or the TRGS 905 (Technical Regulations for Hazardous Substances) – list of carcinogenic and mutagenic substances and such which inhibit reproductiveness.

Abbreviations have the following meanings:

K1: Substances which are known to cause cancer in humans.

K2: Substances which ought to be regarded as carcinogenic.

K3: Substances which, because of a possible carcinogenic effect in humans, should be a source of concern but about which there is not yet sufficient information to be able to make a satisfactory assessment.

M1: Substances which are known to mutate human genes.

M2: Substances which ought to be regarded as being able to mutate human genes.

M3: Substances which, because of a possible genetic mutation in humans are the cause of concern.

R_f1: Substances which are known to have an adverse effect on the ability of humans to reproduce.

R_E1: Substances which are known to damage human embryos.

R_f2: Substances which ought to be regarded as having an adverse effect on the ability of humans to reproduce.

R_E2: Substances which ought to be regarded as damaging to human embryos.

R_f3: Substances which are the cause of concern regarding possible adverse effects on the ability of humans to reproduce.

R_E3: Substances which are the cause of concern regarding possible damage to human embryo.

T/T+: Substances which are toxic (according to ChemG and GefStoffV and EU-RL 67/548/EWG).

S: Substances which can trigger sensitivity of the skin and/or respiratory passages.

X_n: Substances which are a health hazard

X_i: Substances which are irritating

N: Substances which are an environmental hazard

F: Substances which are flammable

Column 8 - examples

Typical applications of environmentally hazardous substances in engines and ventilators including ancillary production materials and occurring residues.

Column 9 – remarks and comments

Indication of detailed bans on application and individual special indications including in-company or customer-specific restrictions with respect to the threshold of certain substances.

Column 10 – SVHC

Indication of Substances of very high concern (SVHC), listed in Annex XV of EC-regulation No.1907/2006. The presence of those substances has to be specified.

4.2 Using the list

All substances and groups of substances currently listed must be declared when submitting an offer, at the latest when the initial delivery is made or the initial sampling in so far as they are present in, or can be released from production ancillary materials, raw materials and bought-in parts. This procedure is valid for new parts as well as serial parts. For each single substance, quantity and content limits are specified, below which a declaration is not necessary. These are, if not otherwise specified, 0.1%

If the content of already approved material changes during the supply period, then product approval with respect to substance list has to be obtained before new delivery or new sampling.

References to existing IMDS committee entries are favored so far as they apply with regard to the composition. Upon data entry the requirements of the IMDS recommendations are to be recognized.

Independently of the requirement of this guideline, national specifications of information transfer regarding safety at work and environmental protection has to be fulfilled (e.g. material safety data sheets according to EC-directive 91/155/ECC or EU-regulation 1907/2006).

Those substances classified as **D** in the list must be declared above the given limits. This information forms the basis of dialogue between supplier and those companies named under item 1 in order to ensure safe and environmentally compatible use. No endeavours will be made to automatically substitute the declared substance instead a joint consideration of potential risks and also advantages keeping in mind the specific application. Only then, will a decision be taken on the choice of substance. These procedures can also necessitate a test of the alternative substance whereby all substances which might possibly be used in the same way must be assessed taking into consideration of technical, economical and ecological aspects.

If the composition of the cleared materials changes during the period of delivery, the clearance must be re-granted prior to a new delivery or sampling.

The substances classified with **U** in the list are, although not legally prohibited, for reasons of in-company information are undesirable and only permissible in certain exceptional cases for functional reasons. Any possible clearance will be the result of dialogue between supplier and the companies named under Item 1.

The substances classified under **V** in the list are legally prohibited for certain applications. They may not be included above the permissible limits. Unintentional contaminations with such substances are to be declared as quantities and estimated risks must be the subject of mutual dialogue.

Attachments:

- Page 4 : Production Part Approval Process - Explanation of contained substances in purchased parts
- Page 5 : Production Part Approval Process - Declaration of contained substances in purchased parts (Material Data Sheet)
- List of substances to be declared / not wanted / not allowed

Produktionsteil-Freigabeverfahren – Production Part Approval Process

Erklärung zu Inhaltsstoffen in Zukaufteilen –
Explanation of contained substances in purchased parts

1. Angaben zum Hersteller / Lieferant - Manufacturer / Supplier Information

Name	-	Name:	
Straße/Postfach	-	Street/PO Box:	
Nat.-Kennz./PLZ/Ort	-	Nat. Ident. Symbol/ Zip Code/City:	
Lieferanten-Nummer	-	Supplier Number:	
Ansprechpartner mit	-	Contact Person with:	
Telefon / Telefax	-	Phone / Fax:	/

2. Sicherheit und Umwelt – Safety and Environment

Zutreffendes bitte ankreuzen - Please mark as appropriate

<ul style="list-style-type: none"> Stoffe, die einem gesetzlichen Anwendungsverbot unterliegen, dürfen in keinem Produkt enthalten sein! 	-	Substances, which are subject of legal restrictions may not be contained within any product!	
<ul style="list-style-type: none"> Enthalten die Produkte Stoffe mit einem Gefährlichkeitsmerkmal gemäß ChemG/GefStoffV? <small>Kennzeichnungen gem. GefStoffV und Konzentrationen sind unter "Inhaltsstoffe in Zukaufteilen" Blatt 5 pro Produkt anzugeben</small> 	-	Do the products contain hazardous substances according to ChemG/GefStoffV? <small>Designations according to GefStoffV and Concentration have to be declared per product within sheet 5 „Substance of content of purchased parts“</small>	No Yes
<ul style="list-style-type: none"> Können beim sachgemäßen Umgang mit den Produkten Gefahrstoffe entstehen oder freigesetzt werden? <small>(Beachte: Liste für deklarationspflichtige Stoffe) Punkt 10 des EG-Sicherheitsdatenblattes ist auszufüllen</small> 	-	Do hazardous substances occur or are released, when appropriately using the product? <small>(Note: See list of Substances which have to be declared) Point 10 of the EU Safety Data Sheet is to be completed</small>	No Yes
<ul style="list-style-type: none"> Sind die Produkte Gefahrgut im Sinne des Verkehrsrechtes (Transportrechtes)? <small>Punkt 14 des EG-Sicherheitsdatenblattes ist auszufüllen</small> 	-	Are the products hazardous goods according to Traffic Laws or Transportation Laws? <small>Point 14 of the EU Safety Data Sheet is to be completed</small>	No Yes
<ul style="list-style-type: none"> Enthalten die Produkte wassergefährdende Stoffe gem. Wasserrecht? <small>Wassergefährdungsklasse und Menge ist anzugeben</small> 	-	Do the products contain water endangering substances? <small>Classification of water endangerment and quantity is to be devised</small>	No Yes
<ul style="list-style-type: none"> Sind die Produkte mit Bioziden ausgerüstet? <small>Gehalte > 10 ppm sind anzugeben</small> 	-	Are the products equipped with biocides? <small>Constituents > 10 ppm are to be stated</small>	No Yes
<ul style="list-style-type: none"> Kann aus den Produkten nach Entfall der Nutzung oder Verwendung ein Abfall entstehen, dem eine Schlüsselnummer (EAK-Code) zugeordnet werden kann? <small>EAK-Code:</small> 	-	Can a key number (EAK code) be assigned to the wastage after appropriate use of the products? <small>EAK-Code:</small>	No Yes
<ul style="list-style-type: none"> Enthalten die Produkte Stoffe gemäß der Liste für deklarationspflichtige / unerwünschte / verbotene Stoffe (Version 5.0 vom 23.03.2008)? <small>Eintrag pro Produkt auf "Inhaltsstoffe in Zukaufteilen" Blatt 5 erforderlich.</small> 	-	Do the products contain any substances according the list of substances which are subject to declaration / undesirable / prohibited (Version 5.0 dated 2008-03-23)? <small>Entry's per product are required on sheet 5 „Substance of content of purchased parts“.</small>	No Yes
<ul style="list-style-type: none"> Erfüllen die Produkte die aktuellen Vorgaben der EU-Richtlinie 95/2002/EG (RoHS, Deca-BDE-Beschränkung)? <small>Wenn Ausnahmen beansprucht werden, sind diese ausdrücklich anzugeben</small> 	-	Do the products fulfill the current requirements of the EC-Directive 95/2002/EC (RoHS, Deca-BDE-restriction)? <small>If you claim any exemptions, please explicitly state them.</small>	No Yes
<ul style="list-style-type: none"> Werden die Vorgaben der europäischen Verpackungsverordnung eingehalten? <small>EU-Richtlinie 94/62/EG</small> 	-	Do you comply with the requirements of the European packaging regulation? <small>EC-Directive 94/62/EC</small>	No Yes
<ul style="list-style-type: none"> Enthalten die Produkte Inhaltsstoffe, die als „Substances of very high concern (SVHC) in Anhang XV der EU-Verordnung Nr. 1907/2006/EG (REACH) gelistet sind? <small>Wenn ja, nennen Sie diese auf der nächsten Seite.</small> 	-	Do the products contain any substances listed as „Substances of very high concern (SVHC) in Annex XV of EC Regulation No. 1907/2006/EG (REACH)? <small>If so, specify them on the next page.</small>	No Yes

Verantwortliche Unterschriften - Representative Signatures

Datum:

Produktionsteil-Freigabeverfahren – Production Part Approval Process

Deklaration von Inhaltsstoffen in Zukaufteilen (Materialdatenblatt)

Declaration of contained substances in purchased parts (Material Data Sheet)

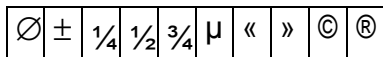
Stoffe, die einem gesetzlichen Anwendungsverbot unterliegen, dürfen nicht enthalten sein! Es müssen auch Gefahrstoffe angegeben werden, die bei Gebrauch entstehen oder freigesetzt werden können.

Beachte: Liste für deklarationspflichtige Stoffe!

- Substances which are subject to legal prohibition must not included!
- Hazardous substances which may be created or released upon use must also be declared.
- Note: See list of substances which have to be declared!

Bauteile	-	Component:	
ebm-Artikel-Nr.:	-	ebm-SA-No.:	
Musterbericht-Nr.	-	Sample Report No.:	

Teile-Nr./ Werkstoff-Nr.- Parts No./ Material No.	Teilebezeichnung Parts description	ZSB-Komponente – SA Component	Masse – Weight [g] Material	Material/ Herstellerbezogene Produktbezeichnung- CAS-No. Producer-related product description	Inhaltsstoffe CAS-Nr.- Constituents	Inhaltsstoffe Stoffbezeichnung – Constituents Material description	Gehalt Content [%]



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