
Dokument-Version: BN 905-003e -

1 Purpose

This company standard bundles all material- and substance-related requirements from national and international laws, directives, regulations, standards, etc. It supports PINTSCH BUBENZER and its suppliers in the responsible and environment-friendly handling of substances and products in the development, manufacture, use, and waste disposal of intermediates and end products. It also contributes to ensure a high level of protection for human health and the environment with the aim of sustainable development. It calls for substances of concern to be replaced by less hazardous substances or technologies.

2 Scope of application

With this company standard, PINTSCH BUBENZER regulates prohibited substances as well as substances subject to declaration and the associated information obligations. It includes auxiliary materials and operating materials, provided that they remain in/on the product or are classified as hazardous, as well as packaging and transport materials, provided they are delivered to the customer with the product.

PINTSCH BUBENZER sells its product worldwide. In this respect, this company standard also includes market-specific legal regulations.

PINTSCH BUBENZER requires that all products comply with the requirements of this company standard and that the information obligations are fulfilled in order to ensure that the products are placed on the market in conformity with all relevant regulations.

The material- and substance-related product requirements (material compliance requirements) of this company standard are equivalent to other product requirements.

Compliance with this company standard is the supplier's responsibility.

The supplier's obligation to comply with legal requirements (national and international legislation) is not affected by this company standard.

The necessity of procuring the current guidelines, laws, and standards remains unaffected.

If needed, the technical data sheets for all raw materials and auxiliary materials used must be submitted to PINTSCH BUBENZER. PINTSCH BUBENZER reserves the right to carry out tests on products.

The current version of company standard BN 905-003 is available on the internet at www.pintschbubenz.de. It can also be requested from the Material Compliance Officer (see section 7).

The supplier is obliged to check at least every 6 months whether an updated version of this company standard is available. With the update of this company standard, the new version replaces the previous version and is valid immediately. PINTSCH BUBENZER will not notify its suppliers about an update of this company standard.

Any changes in the law do not necessarily lead to an update of this company standard, but that does not release the supplier from the obligation to take any changes in the law into account.

The supplier is obliged to provide the required information from the legal regulations listed in sections 4 and 5 free of charge.

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	1 von 7	BN 905-003e -

The supplier is obliged to inform the Material Compliance Officer of PINTSCH BUBENZER in good time about possible consequences or product changes resulting from new or changed legal requirements.

3 Definitions

This section explains terms which, from PINTSCH BUBENZER's point of view, require a definition for the use in this company standard. Regulation-specific definitions can be found in the respective regulation and are only listed here in exceptional cases for a better understanding of the contents of this company standard.

3.1 Product

A product is everything that is made available to PINTSCH BUBENZER as a delivery item, as well as everything that is manufactured by PINTSCH BUBENZER itself and/or remains in/on a product that is marketed by PINTSCH BUBENZER.

Examples:

- complete product, including merchandise
- component
- produce
- spare part
- semi-finished product
- raw material
- preparation or mixture
- pure substance
- soldering agent
- adhesive
- lubricant
- cooling lubricant
- degreasing agent
- corrosion inhibitor
- packaging including conditioning, such as drying agents or corrosion inhibitors
- transport materials

3.2 Prohibited substances

Prohibited substances are all substances for which a general ban is issued in accordance with applicable legal regulations or PINTSCH-BUBENZER internal specifications or a substance for which a ban results from other specifications.

3.3 Substances subject to declaration

Substances subject to declaration are all substances for which a declaration is mandatory according to the applicable legal regulations or PINTSCH-BUBENZER internal specifications.

3.4 Restriction

Conditions for the manufacture, use or placing on the market (of a substance) or the prohibition of such activities. Restriction is possible if the production, marketing or use of substances entails an unacceptable risk to human health and/or the environment (REACH Regulation).

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	2 von 7	BN 905-003e -

3.5 Placing on the market

Delivery to third parties against payment or free of charge or provision to third parties. The import shall be deemed placing on the market.

3.6 Authorization requirement

In contrast to conventional chemical bans, the authorization requirement is a ban subject to approval. This means that the use of a substance listed in Annex XIV of the REACH Regulation (see section 4.1) is generally prohibited unless an authorization has been granted.

3.7 Substances of very high concern (SVHC)

Substances of very high concern (SVHC) are substances that meet the criteria of Article 57 of the REACH Regulation:

- a) substances meeting the criteria for classification as carcinogenic category 1 or 2 in accordance with Directive 67/548/EEC;
- b) substances meeting the criteria for classification as mutagenic category 1 or 2 in accordance with Directive 67/548/EEC;
- c) substances meeting the criteria for classification as toxic for reproduction category 1 or 2 in accordance with Directive 67/548/EEC;
- d) substances which are persistent, bioaccumulative and toxic in accordance with the criteria set out in Annex XIII of this Regulation;
- e) substances which are very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII of this Regulation;
- f) substances – such as those having endocrine disrupting properties or those having persistent, bioaccumulative and toxic properties or very persistent and very bioaccumulative properties, which do not fulfil the criteria of points d) or e) – for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern to those of other substances listed in points a) to e) and which are identified on a case-by-case basis in accordance with the procedure set out in Article 59.

3.8 Homogeneous material

A homogeneous material (see RoHS Article 3, paragraph 20) is a material of uniform composition or a material consisting of different materials which cannot be broken down or separated into individual materials by mechanical processes such as unscrewing, cutting, crushing, and grinding.

Examples: A screw consists of the metal body, a zinc coating, a passivation layer, and a final coating. Thus, the screw contains four homogeneous materials.

3.9 Packaging, packaging components

Packaging is a product made of any materials for containment, protection, handling, delivery or presentation of goods, which range from raw material to processed product and are passed on by the manufacturer to the user or consumer. All disposables used for the same purpose must also be regarded as packaging (see EU Packaging Directive Article 3, paragraph 1).

Packaging components are parts of the packaging that can be separated manually or by simple mechanical processes. Additional elements that are directly attached to a product and fulfil a packaging function are considered packaging – unless they are an integral part of the product.

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	3 von 7	BN 905-003e -

3.10 Battery and accumulator

A source of electrical energy consisting of one or more (non-rechargeable) primary cells or one or more (rechargeable) secondary cells, obtained by direct conversion of chemical energy.

4 Prohibited substances

This section lists the legal regulations that impose substance bans. These substance bans must be strictly observed for all products delivered to PINTSCH BUBENZER and for all relevant PINTSCH-BUBENZER products.

4.1 Regulation (EC) No 1907/2006 (REACH)

The so-called REACH Regulation is intended to ensure a high level of protection for human health and the environment. According to REACH, manufacturers, importers, and downstream users must register their chemicals and are responsible for their safe use.

4.1.1 Annex XIV – List of substances subject to authorization

Annex XIV of the REACH Regulation lists substances that are prohibited in principle and for which approval is required for further use (see Section 3.6). The publication specifies a substance-specific transition period ("expiry date") after which the substance may no longer be placed on the market or only in accordance with the authorization. The substances were previously published in the SVHC candidate list (see Section 3.7 and Section 5.1) and remain listed there.

4.1.2 Annex XVII – List of Restricted Substances

Annex XVII of the REACH Regulation regulates restrictions on the marketing and use of hazardous substances.

4.1.3 Annexes 1 to 6, 8 and 9 – CMR substances and azo dyes

Substances with carcinogenic, mutagenic and/or reproduction-damaging properties (CMR substances) as well as azo dyes are subject to various prohibitions and are listed in Annexes 1 – 6, 8, and 9 of the REACH Regulation.

4.2 Directive 2011/65/EU (RoHS)

The RoHS Directive restricts the use of certain hazardous substances in electrical and electronic equipment. It was transposed into national law in all EU countries and came into force in Germany on 2 January 2013 with the regulation on the restriction of the use of hazardous substances in electrical and electronic equipment (ElektroStoffV).

The substance bans and exceptions contained therein refer to the maximum concentrations in the homogeneous material (see Section 3.8) of each product and can be found in the currently valid version of the directive.

4.3 Directive 94/62/EC (packaging)

Directive 94/62/EC on packaging (see section 3.9) and packaging waste limits the concentration of heavy metals in packaging (Article 11).

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	4 von 7	BN 905-003e -

4.4 Regulation (EU) No 528/2012 (Biocides)

Regulation (EU) No 528/2012 regulates the authorization of biocides in the European Union and thus harmonizes the provision and use of biocidal products on the European market. Approval is granted in a tiered approach.

Every supplier of PINTSCH BUBENZER is obliged to fully comply with the requirements and obligations for biocidal products and treated goods if his product falls within the scope of the regulation. Furthermore, the information requirements must be fulfilled if a product has been treated with a biocide and an appropriate label is required according to the regulation.

Only products may be used which

- not have been treated with biocides or
- have been treated with a biocidal product authorized in the EU

4.5 Regulation on Protection against Hazardous Substances (GefStoffV)

The GefStoffV is a regulation from German industrial safety law and is intended to protect human health and the environment from hazardous substances within the scope of employee activities.

In particular, the requirements of Annex II (to § 16 (2)) "Special manufacturing and use restrictions for certain substances, preparations, and articles" must be observed.

4.6 Regulation (EC) No 850/2004 (POP)

Regulation (EC) No 850/2004 aims to protect human health and the environment from persistent organic pollutants. This is done by prohibiting or restricting the production, placing on the market, and use of persistent organic substances. The substances are listed in the Annexes to the regulation and in Regulation (EU) No. 757/2010, which contains amendments and supplements.

4.7 Regulation (EU) No. 517/2014 (greenhouse gases)

Regulation (EU) No 517/2014 aims to protect the environment by reducing emissions of fluorinated greenhouse gases and replaces the previous Regulation (EC) No 842/2006 (F-gases). It serves to fulfil the binding requirements and targets laid down in the international environmental agreements (Kyoto and Montreal Protocol). A list of prohibitions and restrictions can be found in the annexes to the regulation.

4.8 Regulation (EC) No 1005/2009 (ozone)

Regulation (EC) No 1005/2009 regulates the production, import, export, placing on the market, use, recovery, recycling, reconditioning, and destruction of ozone-depleting substances. The substances regulated here are listed in the corresponding annexes to the regulation.

4.9 Directive 2006/66/EC (batteries and accumulators)

Directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators regulates the placing on the market of batteries and accumulators (see section 3.10). In particular, it prohibits the marketing of batteries and accumulators containing dangerous substances such as mercury and cadmium.

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	5 von 7	BN 905-003e -

5 Substances subject to declaration

This chapter lists rules and regulations regarding substances subject to declaration.

5.1 SVHC Candidate List of Regulation (EC) No 1907/2006 (REACH)

The SVHC candidate list lists substances of very high concern (see section 3.6). First published in October 2008, the European Chemicals Agency (ECHA) supplements this list several times a year as required. If a substance listed in the candidate list is present in a product in a concentration of more than 0.1 mass percent (w/w), the supplier is obliged to provide sufficient information for the safe use of this article (obligation to declare).

This information is to be provided to the Material Compliance Officer of PINTSCH BUBENZER upon delivery of the product without request in accordance with Article 33 of the REACH Regulation. This also applies if such a substance is only included in the candidate list during the current supply relationship.

According to the decision of the European Court of Justice, the principle "once a product, always a product" applies. The obligation to provide information is therefore already applicable to sub-products.

As soon as a partial product exceeds the concentration limit of 0.1 %, the Material Compliance Officer of PINTSCH BUBENZER must be informed of the name of the SVHC.

5.2 Conflict Minerals (KM) - Dodd-Frank Act

The Dodd-Frank Act is a US regulation signed in July 2010 which obliges companies listed on the US stock exchange to refrain from using raw materials from conflict regions. Since then, companies that use a conflict mineral have to submit a separate report on their origin. For the purposes of the law, conflict minerals are cassiterite, coltan, wolframite, and gold from which the following four metals - known as 3GT - are produced:

- gold
- tin
- tantalum
- tungsten

Should PINTSCH BUBENZER receive inquiries from its customers regarding the origin of conflict minerals, it will forward these inquiries to its suppliers.

6 Auxiliary and operating materials

The placing on the market and the trade and handling of auxiliary and operating materials always require an evaluation with regard to national and international regulations on hazardous substances as well as an examination for product-related specifications, provided that these substances remain in/on the product. This chapter contains specifications which must be observed due to legal regulations.

6.1 Safety Data Sheet

The safety data sheet is the central element of communication in the supply chain for hazardous substances and mixtures. It provides important information on their characteristics, such as:

- identity of the product
- intended use
- occurring hazards
- secure handling
- preventive measures

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	6 von 7	BN 905-003e -

- measures in case of danger

The requirements for the content and format of the safety data sheet are regulated in Article 31 and Annex II of REACH Regulation (EC) No 1907/2006.

The supplier of a substance/mixture is responsible for ensuring that the safety data sheet is technically correct and complete. The safety data sheet will be made available to the PINTSCH BUBENZER Material Compliance Officer free of charge on paper, in electronic form or as a download on the day of the first delivery at the latest. Suppliers shall update the safety data sheet without delay in accordance with Article 31 (9) if

- new information is available that may have an impact on risk management measures,
- an authorization has been granted or refused, or
- a restriction has been imposed.

If the customer has been supplied within the last 12 months, the corrected version must be made available to the customer.

7 Contact persons

Responsible for all matters regarding Material Compliance is

Ms. Rebecca S. Treude
Material Compliance Officer
E-Mail: rebecca.treude@pintschbubenzler.de
Phone: +49 (0) 2741 9488 630
Fax: + 49 (0) 2741 9488 44

If the Material Compliance Officer is absent, please contact

Mr. Martin Kraemer
Purchase Manager
E-Mail: martin.kraemer@pintschbubenzler.de
Phone: +49 (0) 2741 9488 500
Fax: +49 (0) 2741 9488 55

8 Applicable documents, references

Regulation (EC) No 850/2004 & Regulation (EU) No. 757/2010 (POP)
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1005/2009 (Ozone)
Regulation (EU) No 528/2012 (Biocide)
Regulation (EU) No 517/2014 (Greenhouse gas)
Directive 94/62/EC (Packaging)
Directive 2006/66/EC (Batteries and accumulators)
Directive 2011/65/EU (RoHS)
Dodd-Frank Act – Public Law 111-203 Section 1502 (Conflict materials)
<http://eur-lex.europa.eu/>
<https://echa.europa.eu/support/guidance>
<http://www.reach-clp-biozid-helpdesk.de/de/Startseite.html>
<http://www.reach-info.de>
<http://www.gesetze-im-internet.de>
<http://www.responsiblemineralsinitiative.org/>

Diese Beschreibung wurde über EDV erstellt und ist ohne handschriftliche Unterschrift gültig!

Erstellt	Geändert	Geprüft	Freigegeben	Seite	Dokument
27.07.2018 Von: R.Treude	31.07.2018 von: R.Treude	06.08.2018 von: Kraemer	06.08.2018 von: R.Treude	7 von 7	BN 905-003e -