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Bosch-Norm

N 2580-1

Prohibition and declaration of substances

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Technical responsibility: BEO-AK208

BOSCH

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In case of doubt the original language edition of this Bosch-Norm applies.
The comma is used as the decimal marker.

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Area of validity, binding force, freedom to disclose	
Valid for	Bosch Group
Binding for	RB, TOGE, RG
Binding due to	Central directive Bosch-Norm N 2580 “Prohibition and declaration of substances“
Recommended for	BEGE
Disclosure	No restrictions

1 Scope

Bosch-Norm N 2580-1 regulates prohibited substances and those rated declarable in materials (definition see section 2), and it is part of the requirements (specifications) for materials. It helps implementing statutory requirements and requirements on the part of Bosch-customers.

The regulations are listed in the appendix “Supplier declaration“. **These regulations are valid worldwide.**

2 Definition material

Material in terms of this Bosch-Norm is everything that remains in a Bosch product, all that is used by Bosch as auxiliary manufacturing material, and all that Bosch passes on to external customers as packaging.

To advertising merchandise, toys, and food, regulations beyond the N2580-1 Appendix “Supplier declaration” are applicable. Compliance with these regulations must be assured by suitable measures.

Examples of material:

- Complete product including merchandise
- Component
- Semi-finished part
- Material
- Preparation or mixture
- Pure substance
- Soldering material
- Adhesive
- Lubricant
- Cooling lubricant
- Surface degreasing agent
- Anticorrosive agent
- Material for sandblasting
- Material for hardening
- Material for forming process
- Packaging including conditioning such as desiccants or anticorrosive agents

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3 Legality

This Bosch-Norm has no impact on the duty of compliance with statutory requirements.

4 Material change

Changes of supplied materials, e. g. due to alterations of statutory requirements, are to be coordinated early with the responsible purchasing authority at Bosch.

This applies in particular if, in the case of statutory requirements, a limited exception has been used and the term of exception is ending. In the absence of any other agreement the material changes have to be completed one year prior to the statutory date at the latest.

5 Information for suppliers

In accordance with section 6.3 the supplier is under the obligation to obtain the currently valid version of the Bosch-Norm.

The following information is available at http://purchasing.bosch.com/en/de/info/download/downloads.html (www.bosch.com – Purchasing & logistics – Downloads & more – Downloads):

- always the valid version of Bosch-Norm N 2580-1
- the supplier declaration
- a letter of information regarding the changes as compared to the preceding edition

6 Rules for performing the declaration

A blanket confirmation of compliance with Bosch-Norm N 2580-1 is not sufficient. For each supplied material the supplier has to fill in at least the cover sheet of the supplier declaration and provide it to Bosch.

6.1 Declaration format Supplier declaration

With the appendix “Supplier Declaration” this Bosch-Norm provides the possibility of an electronic declaration (Excel file).

The supplier declaration offers the following advantages:

- Reducing the number of the ingredients to be considered by selecting the supplied business unit and by selecting the content of the supplied material (both optional).
- A summary of declarations if the ingredients are identical in type and concentration in the supplied materials (e.g. use of the same material with different dimensions in product series or product families). In these cases several material numbers, supplier- and/or Bosch-part numbers may be entered in the same form sheet.

The supplier declaration has to be returned to the responsible purchasing authority at Bosch as follows:

The cover sheet signed in raster format (e.g. PDF) and the entire Excel file compiled in one e-mail.

By exception, e.g. in the absence of the necessary data processing conditions, the supplier declaration may be sent to Bosch on paper.

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6.2 Use of other declaration formats

Declaration formats other than the supplier declaration may be used if all of the following conditions apply:

- there is a standardized format available, e.g. IMDS, Inventory of Hazardous Materials, IPC 1752, JAMA/JAPIA, which are accepted by Bosch customers, by legal and external regulations and which are in use
- the respective requirements with regard to content of the supplier declaration are covered
- there is a clear relation between supplied material, material number supplier and Bosch-part number and/or Bosch-ordering information
- compliance with the respective regulations named in Bosch-Norm N 2580-1 is confirmed and binding

On principle, formats of an external standard are to be preferred.

Example:

- If IMDS (International Material Data System, see http://www.mdsystem.com) is used, the supplier declaration is waived when all declaration requirements are covered. However, a supplier declaration may be required nevertheless, if e.g. an ingredient is not included in the „Basic Substance List“ of IMDS, or a packaging is delivered which is not declared in the IMDS.
- If standard form IPC 1752 is used, a confirmation of compliance with the statutory regulations must be included. If in the standard form reference is made only to the ROHS, at least a (free-text) confirmation is required additionally for REACH.

If IMDS is used and there has not been another agreement with Bosch, the Robert Bosch-IMDS-Account 202 must be used. And the IMDS-Recommendations as well as the Bosch-Data-input-guideline are to be observed. See Internet, http://purchasing.bosch.com/en/de/info/download/downloads.html (www.bosch.com – Purchasing & logistics – Downloads & more – Downloads)

6.3 Triggering the declaration

Declaration by the supplier is required if at least one of the following triggering factors exists. After the triggering factor becomes known the declaration by the supplier to the responsible Bosch purchasing authority needs to be made immediately.

- It is a first-ever instance of sampling a material, of the beginning of service or of supplying.
- Previous declarations were faulty.
- Materials and/or processes that require a change of the material composition were changed.
- There are new substance prohibitions and/or obligations to declare substances, and the supplied material is impacted.
- There are new limit values and the supplied material is impacted.
- The amount of the supplied material changes, which results in exceeding the stipulated amount tolerances.
- There is an individual request.

6.4 Auxiliary manufacturing materials

If an auxiliary manufacturing material remains in or on a material purchased or sold by Bosch, all the requirements of Bosch-Norm N 2580-1 also apply to this auxiliary manufacturing material. Regardless, Bosch-Norm N 2580-1 applies to auxiliary manufacturing materials used at Bosch as well.

7 Note on processing the supplier declaration

Notes on processing the supplier declaration (appendix of Bosch-Norm N 2580-1) are found at tab “How to fill out“ and “FAQ“ in the supplier declaration and in section 8 of this Bosch-Norm.

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8 Rating of substances

If limit values are listed for material groups, the supplier has to list the respective individual materials.
For auxiliary manufacturing materials and packaging the limit value refers to the delivery condition.

8.1 Definition limit value

If no limit value is specified, the value of 0,1 % mass fraction applies.
Depending on the regulation the limit value can refer to the following:

- the supplied product
- the material
- the preparation
- the mixture
- the homogeneous material

Example:

Definition of the homogeneous material on the example of a screw: The screw consists e.g. of the metal body, a zinc coating, a passivated layer and a finishing coat. Thus the screw contains four homogeneous materials (see GADSL- and EU-RoHS-definition).

8.2 Prohibited substances

Prohibited substances are marked “P” (Prohibition) in the appendix. They must not be included in the supplied material with a concentration above the limit value. The prohibition and/or the limit value may be related to certain applications.
A value for the concentration is not required if the concentration of the ingredient is below or equal to the limit value, in these cases confirmation of compliance with the regulation on the supplier declaration cover sheet will suffice. Nevertheless it is recommended to provide the concentration.

If for a prohibited ingredient one uses exceptions from the corresponding regulation the exception and the concentration of the ingredient need to be stated.

8.3 Substances rated declarable

Substances rated declarable are identified as “D” (Declaration) in the appendix. The concentration of the ingredient needs to be declared if it is above the limit value. However it is recommended to provide the concentration if it is below or equal to the limit value.

9 EU-regulation „REACH“

Since October 2008 the list of the SVHC-candidates exists. ECHA can supplement this list several times per year.

Note:

- SVHC = Substances of Very High Concern
- ECHA = European Chemicals Agency
- Internet see http://www.echa.europa.eu/

Since February 2011 appendix 14 of the REACH regulation is filled with substances from the SVHC-candidates list. Without permit the materials listed in appendix 14 must not be introduced to the market nor used – after a substance-specific period of transition (“expiration date“).

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The supplier has to declare in accordance with the requirements of the REACH regulation and to notify the respective Bosch-purchasing authority in due time of possible consequences on the basis of the REACH regulation.

Suppliers located outside the European Union have to name an exclusive representative if they deliver “Materials, mixtures and products” into the area of validity of the REACH regulation. The exclusive representative ensures that the REACH obligations are met. The representative has to be named in the supplier declaration.

10 Normative references

The following documents are applicable in addition to this Bosch-Norm. With dated references solely the edition referred to applies. With undated references the last edition of the indicated document applies (including all revisions). Intentionally cited historical documents are additionally identified as “H“ in the column “Type“.

No.	Document number (edition date)	Title	Type
1	N 2580-1 Appendix	Supplier declaration	M

Type: M = document to be supplied; Z = cited document; H = historical document

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