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Bosch-Norm

2011-05-11
N 2580-1

Prohibition and declaration of substances

Series: N 2580 Prohibition and declaration of substances
Technical responsibility: AK208

Standardization organization:	C/CTI2 (497)	Replaces edition:	2009-10-20
Created by:	ruj2si C/CTI2 (497)		
Document language:	en		
Original language:	de		
Changes:	content updated, editorial revision		

Change information: AEN 4497R23557

Translation			Responsible		
Release date	Source language	Target language	Created by	Unit code	BWN
2011-04-20	de	en	kou2bue	C/PSS	400

In case of doubt this Bosch-Norm applies in the original language.

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Area of validity, binding force, freedom to disclose	
Applies to	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	Possible without restriction

1 Scope

Bosch-Norm N 2580-1 regulates prohibited substances and those rated declarable in materials (definition see section 2) and is part of the requirements (specifications) for materials. The norm serves i.e. the implementation of statutory requirements and requirements from Bosch customers.

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

2 Definition material

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

- Complete product including merchandise
- Component
- Semi-finished part
- Material
- Preparation or mixture
- Pure substance
- Solder
- 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

3 Legality

This Bosch-Norm does not have any impact on the supplier obligation to comply with legal requirements (e.g. national legislation).

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4 Material change

Changes of supplied materials on the basis of alterations of statutory requirements are to be coordinated early in the process with the responsible Bosch-purchasing authority.

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 ahead of the statutory date at the latest.

5 Informing suppliers

The valid version of the Bosch Norm N 2580-1, the form supplier declaration and an information letter on what has changed compared to the preceding edition are available at http://www.bosch.com/ (rootline menu: > Purchasing & Logistics > Download-Service). The supplier is responsible to download the latest version of these documents from there.

6 Rules for performing the declaration

A blanket compliance statement with Bosch-Norm N 2580-1 is not sufficient. For each material at least the cover sheet of the form supplier declaration has to be filled out by the supplier.

6.1 Supplier declaration

This Bosch-Norm makes available, with the appendix “Supplier Declaration“ the option of an electronic declaration (Excel file). Regarding the use of other declaration formats see section 6.3. How to process the supplier declaration is described in tab “Notes“ in the supplier declaration.

The supplier declaration needs to be returned to the responsible Bosch purchasing authority as follows: The cover sheet signed in raster format (e.g. PDF) together with the entire Excel file in one e-mail. By exception, e.g. in the absence of the data processing conditions, the supplier declaration may be sent to Bosch on paper.

For materials to be submitted for declaration whose ingredients are identical as to type and concentration (e.g. use of the same material in product series or product families), the following may apply:

- several material numbers supplier and/or Bosch part numbers may be entered
- reference can be made to previously declared part numbers. In such a case only the header of the cover sheet of the supplier declaration has to be filled in and signed. In the field “Material is part of the following Bosch-product-/product series-part numbers“ the fields “material-number supplier“ or “Bosch-part number“ have to be entered from which the reference is made.

In the Bosch business division Automotive Aftermarket the following applies: for merchandise for the Independent After Market (IAM) the appendix “Supplier Declaration“ has to be used. If needed sections 6.2 and 6.3 apply.

6.2 Declaration of certain electronic components

Printed circuit boards both loaded and bare are special cases and so are active/passive components for PCBs. The Bosch declaration requirement for these types of electronic components can be limited to three tabs; tab 1 “Diverse” legal regulations (mandatory), tab 2 “REACH“ (mandatory) and tab 5 “ROHS“ case-dependent.

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A declaration in the form of Umbrella Specifications (see IMDS Recommendation 19) is acceptable. The declaration can be referenced in the form of product series declarations, provided the material composition does not change.

If the form “Supplier Declaration“ is not used, then either

- IMDS-data has to be available or
- declaration formats have to be used which
  - clearly reference Bosch-part number, material number supplier and
  - confirm compliance with legal regulations

Example: If form IPC 1752 is used, compliance with legal regulations needs to be confirmed, if the form references only ROHS an additional informal confirmation with signature is required.

6.3 Using other declaration formats

Declaration formats that are standardized externally or otherwise accepted by the Bosch customer may be used if they comply with the content required as per the appendix “Supplier Declaration“.

If Bosch customers make the use of certain declaration systems mandatory, suppliers can be obligated to use them.

If the supplier changes information in systems made mandatory by the Bosch customer, it is required that the responsible Bosch purchasing authority is notified accordingly in writing by the supplier.

The use of systems mandated by Bosch customers applies regardless of whether or not substances that are rated declarable according to Bosch-Norm N 2580-1 are included.

Examples:

- If IMDS (International Material Data System, see http://www.mdsystem.com) is used the form supplier declaration is not applicable, provided all declaration requirements are covered. If for example a substance from Bosch-Norm N 2580-1 does not exist in the “Basic Substance List“ of IMDS or if packaging is delivered, which is not declared in IMDS, a supplier declaration might be required in addition.
- If IMDS is used and there was no other agreement with Bosch, the Robert Bosch-IMDS-Account 202 has to be used. The IMDS-Recommendations and the Bosch IMDS-Data input guideline are to be complied with. (rootline menu: http://www.bosch.de >Purchasing & Logistics > Download-Service)

6.4 Triggering the declaration

Declaration by the supplier is required when the following triggering factors exist. 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, of beginning of service or supplying.
- Previous declarations were faulty.
- Material and/or processes 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.

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6.5 Auxiliary manufacturing material

If an auxiliary manufacturing material remains in or on a material purchased or sold by Bosch, all the requirements of the Bosch-Norm N 2580-1 also apply to this auxiliary manufacturing material. The Bosch-Norm N 2580-1 also applies to the auxiliary manufacturing materials purchased by Bosch for its own production.

7 Notes on processing the supplier declaration

Notes on processing the supplier declaration (Appendix of Bosch-Norm N 2580-1) are found in the tab “Notes“ in the supplier declaration.

8 Rating of substances

8.1 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 substance 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.

8.2 Substances rated declarable

Substances rated declarable are marked “D“ (Declaration) in the appendix. The concentration of the substance must be declared if it is above the limit value.

8.3 Definition limit value

If no limit value is specified the value of 0.1 mass percent applies. Depending on the regulation the limit value refers to the supplied product, the material, the preparation, the mixture or the homogenous material.
Definition of a homogenous material with the example of a screw: The screw consists e.g. of the metal body, a zinc coating, a passivation layer and a final coating. The screw thus contains four homogenous materials (see GADSL- and EU-ROHS-definition).
If limit values are identified for material groups, the supplier has to identify the respective individual substances.
For auxiliary manufacturing materials and packaging the limit value is determined relative to the delivery condition.

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://echa.europe.eu/home_en.asp

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Since February 2011 SVHC candidates are copied to appendix 14 of the REACH regulation. Without approval the materials listed in appendix 14 must not be introduced to the market nor used – after a substance-specific period of transition („expiration date“).

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 substances, mixtures and products into the area of validity of the REACH regulation.

10 Normative reference

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 standards are additionally identified as type “H“.

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

Type: M = document to be supplied; Z = quoted document

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