

Regulatory Fact Sheet of Glassfiber- and Acoustic Mat Products

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REGULATORY STATUS OF GLASSFIBER- AND ACOUSTIC MAT PRODUCTS

■ 1. REACH AND CLP REGULATION

Rade Beschichtungstechnik GmbH glassfiber- and acoustic mat products are articles according to regulation (EC) No.1907/2006 (REACH). These products do not contain substances that are intended to be released under normal or reasonably foreseeable conditions of use. Therefore, neither the articles nor the substances therein need be registered.

If necessary, all the raw materials used to manufacture the products have been pre-registered by Rade Beschichtungstechnik GmbH or their suppliers up the supply chain.

■ 1A. SUBSTANCES OF VERY HIGH CONCERN (SVHC)

See Section 2 – Information on Composition. The information according to Article 33 of the REACH regulation is only necessary in cases where a product contains an identified SVHC from the candidate list in a concentration exceeding 0.1%.

■ 1B. CLASSIFICATION AND LABELLING

Glassfiber- and acoustic mat products are articles that need neither to be classified nor to be labelled pursuant to Regulation 1272/2008 on classification, labelling and packaging of substances and mixtures. Because they are products of parallel orientation and have a diameter well above 6 µm.

They are therefore not considered a man-made vitreous (silicate) fiber as mentioned in Annex VI of the CLP regulation 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures and are not classified as dangerous.

(see also https://echa.europa.eu/documents/10162/13562/clp_labelling_en.pdf).

■ 2. INFORMATION ON COMPOSITION

Our glassfiber- and acoustic mat products are made of glass fibers with a nominal diameter of greater than 8 µm. We hereby confirm that we do not use intentionally (for a specific function or purpose) any of the following substances or compounds as ingredients, additives or more generally as raw materials during the manufacturing process of our glassfiber- and acoustic mat products. Also, to the best of our knowledge, these substances and compounds are not formed during the manufacturing process of our glassfiber- and acoustic mat products.

Substances identified according to article 59 of the REACH regulation (candidate list of SVHC - see link for current list <https://echa.europa.eu/web/guest/candidate-list-table>).

Restricted substances for the manufacture, placing on the market, and use as mentioned in annex XVII of the REACH regulation.

Substances mentioned on the GADSL (Global Automotive Declarable Substance List

(see also <http://plastics.americanchemistry.com/GADSL-Reference-List>).

In particular, the following substances or products are not intentionally used, except where noted as exceptions:

- Asbestos fibers (all modifications)
- Azo-dyes that can form certain carcinogenic amines
- CMR (carcinogenic, mutagenic, toxic to reproduction) substances of category 1A or 1B (see exception regarding formaldehyde)
- Refractory Ceramic Fibers (alumino silicate fibers)
- Man-made vitreous (silicate) fibers with random orientation (MMMMF) and with a diameter below 6 µm
- Nonylphenol, alkylphenol ethoxylates and derivatives
- Perfluorooctane sulfonates (PFOS) C₈F₁₇SO₂X (X = OH, Metal salt, halide, amide, and other derivatives including polymers)
- Phthalates of concern (see GADSL)
- Polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) and decabromodiphenyl ether (decaBDE)
- Polychlorinated Biphenyls (PCB)
- Heavy metals like lead, mercury, cadmium, chromium (VI)

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- Hexabromocyclododecane
- Hexamethylphosphoramide (CAS no.: 680-31-9)
- Organotin compounds (e.g. dibutyltin, dioctyltin)
- Polycyclic Aromatic Hydrocarbons (PAH)
- Red phosphorous
- Sulfallate (CAS no.: 95-06-7)
- Tetrabromobisphenol A additive (TBBP A additive)

Please note that we check the lists noted in the bullets above after every revision, and this fact sheet will only be updated if there is a substantial change in the conclusions related to our products.

Exceptions: Our glassfiber- and acoustic mat products are usually made of formaldehyde-free raw veils. If not, the binder systems based on the monomer formaldehyde. The content of free formaldehyde in the products is well below 0.1%. Also the formaldehyde content of the coating paste / adhesive glue (binder system) is below 0.1%.

Further, we hereby confirm that, based on the documentation (safety data sheet or technical data sheet) received from our suppliers, none of these substances / compounds are present in the ingredients, additives, or more generally raw materials, which are used during the manufacturing process of our glassfiber- and acoustic mat products and which are supplied by the suppliers to us, in amounts or concentrations beyond those allowed by the applicable European Union laws. As you know, some of these substances are ubiquitous contaminants present in the environment, and therefore their presence in trace amounts in our products cannot be excluded.

■ 3. REGULATIONS

Our glassfiber- and acoustic mat products are manufactured and placed on the market in compliance with applicable national and European Union regulations and in particular with:

- Regulation (EC) no. 1907/2006 – concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), as amended.
- Regulation (EC) no. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), as amended.

Our glassfiber- and acoustic mat products meet the requirements of the following regulations:

- Directive 2011/65/EU (RoHS-Directive) of the European parliament and of the council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast).

■ 4. FURTHER INFORMATION / DISCLAIMER

We hereby specify that the above statements are not intended and are not to be taken as guaranteeing a specific quality or specific properties of our glassfiber- and acoustic mat products. Rade Beschichtungstechnik GmbH does not test its glassfiber- and acoustic mat products or the ingredients, additives or more generally raw materials used during the manufacturing process of its glassfiber- and acoustic mat products to identify the presence of each of the above substances/compounds.

Upon request, specific tests can be performed at additional costs.

■ 5. CONTACT

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