

Product-Information Sheet

according to a Safety Data Sheet corresponding to (EG) 1907/2006

Date: 11.12.2012

Replaces Edition from: 08.02.2010

Productname: Z 121

1. Substance / preparation and name of company

Name of product: Z 121

Application of the substance/ preparation

Heat Insulation and Engineering Materials

Name of company:

HASCO Hasenclever GmbH & Co KG

Römerweg 4

D-58513 Lüdenscheid

Tel.: +49 (0) 23 51 - 95 70

Fax: +49 (0) 23 51 - 95 72 37

Junction for technical information

+49 (0) 23 51 - 95 70 / info@hasco.com

Emergency information

+49(0)2351-9570 (MO-FR 8-16 H)

2. Composition / information on ingredients

Chemical nature glass tissue impregnated with epoxide resin
(basis Bisphenol – A), cured

Hazardous ingredients N/A

3. Possible hazards

Dangerous material classification: not to be applied

If handled properly this product does not cause any danger

4. First aid measures

If inhaled

Avoid inhaling of dust, stay in fresh-air area

On skin contact

The glass fibres might irritate the skin. Wash hands with plenty of water and soap and put on protective gloves/clothes.

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On contact with eyes

Particle penetrated in the eye should be handled like foreign bodies; do not rub, flush with plenty of water; seek medical attention.

5. Fire fighting measures

Suitable extinguishing media water , CO2 , foam

Unsuitable extinguishing media N/A

In case of fire carbon monoxide, carbon dioxide and other hazardous gases and fumes (e.g. NOx) originate. In case of fires use a protective device exhaled air, self-contained of recirculated air.

6. Accidental release measures

General advices N/A

Environmental precautions N/A

Methods for cleaning up N/A

7. Handling and storage

When cutting Z 121 ventilation or respiratory protection is recommended (glass dust)

Store dry in original package at ambient temperature

8. Exposure control and personal protection

For this product no limiting values must be applied for working places. Respiratory protection respectively exhaust installation is recommended during mechanical machining of Z 121.

Please take care of general advices regarding industrial occupation hygiene. Do not eat, drink and smoke during work.

9. Physical and chemical properties

Appearance

Form solid board

Colour light

Odour none

Change of condition

Boiling point N/A

Melting point N/A

Flash point > 350 °C

Ignition temperature N/A

Explosion limits N/A

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Vapour pressure	N/A
Density	2,0 g/cm ³
Bulk density	N/A
Solubility in water	nearly insoluble
pH - value	N/A
Viscosity	N/A

10. Stability and reactivity

Conditions to be avoided

If handled properly the product is stable.

Substances to be avoided

Fire stimulating materials

Thermal decomposition

At continuous high temperatures (> 250 °C) slow decomposition of the product

Hazardous decomposition products

At thermal decomposition toxic products arise

Dangerous reactions

Under usual conditions of application dangerous reactions are not known.

11. Toxicological information

Test results are not available

12. Ecological information

Water hazard class 0: generally not dangerous to water
(own classification)

13. Disposal considerations

No special advices, because the product is totally cured.

Pay attention to local authority regulations and directives for disposal.

Disposal code AVV 120105

14. Transport information

Land transport ADR / RID Not hazardous

Inland waterway transport ADN / ADNR Not hazardous

Sea transport IMDG Not hazardous

Air transport IATA - DGR Not hazardous

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15. Regulatory information

Labelling according to EEC – Directives respectively dangerous goods regulations.

This product is not to be considered as dangerous material according to dangerous goods regulations as well as according to the relevant EEC directives (67/548/EWG and 88/379/EWG)

16. Other information

According to the present state of technology neither fibrogenous nor cancer causing modifications are caused through this glass fibre reinforced plastics. The glass filament products are produced with an endless production so that the critical parameter respectively parameter combinations (length: $> 5 \mu\text{m}$; diameter: $< 3 \mu\text{m}$; length: diameter $>3:1$) will not be achieved.

However we recommend to care for an adequate exhaust of the arising dust during machining respectively, if an exhaust installation is not possible to wear suitable respiratory protection.

<p>The information contained herein is based on the present state of knowledge and describes our product regarding possible safety requirements and labelling according to existing laws. However certain properties are not guaranteed. Recipients of our product must take responsibility for observing existing laws and regulations.</p>
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