



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## 5-min.-epoxy, hardener

Print date: 09.01.2012

Product code: 155109-X

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### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).  
Extinguishing powder.  
Water fog.  
Fight major fires with a water spray jet or alcohol-resistant foam.

### Extinguishing media which must not be used for safety reasons

High power water jet.

### Special exposure hazards arising from substance or mixture itself, combustion products, resulting gases

In case of fire may form: Carbon monoxide, sulfur oxides.  
Under certain conditions traces of other toxic substances cannot be ruled out.

### Special protective equipment for fire-fighters

Wear a protective full body suit. Wear breathing apparatus with own air supply.

### Additional information

Contaminated fire-fighting water must be collected separately. Contaminated fire-fighting water must not get into the sewerage network. Fire residue and contaminated firefighting water must be disposed of in accordance with government regulations.

## 6. Accidental release measures

### Personal precautions

Wear personal protection equipment. Keep unprotected persons at a safe distance.

### Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter the soil or subsoil.

### Methods for cleaning up/taking up

Provide adequate ventilation. Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents). Dispose of contaminated material as § 13 waste.

## 7. Handling and storage

### Handling

#### Advice on safe handling

Provide adequate ventilation/vapour extraction at the workplace.

#### Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.

### Storage

#### Requirements for storage rooms and vessels

Ventilate adequately storage and work rooms. Employ reliable measures to prevent the product from entering the soil.

#### Advice on storage compatibility

Keep away from oxidising agents.

#### Further information on storage conditions

Keep in well sealed receptacles at a cool, dry location.

## 8. Exposure controls/personal protection

### Exposure limit values

### Exposure controls

#### Protective and hygiene measures

Take off immediately all contaminated clothing Avoid contact with skin and eyes. Wash hands before

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breaks and after work.

### Respiratory protection

Not necessary when the room is well ventilated.

### Hand protection

Wear protective gloves. (EN 374)

Material: NBR (Nitrile rubber). Butyl rubber.

Breakthrough time: See information supplied by the manufacturer.

### Eye protection

Tightly sealed safety glasses. (EN 166)

### Skin protection

Wear protective clothing. (EN 340)

## 9. Physical and chemical properties

### General information

Physical state: liquid  
Colour: yellowish brown  
Odour: characteristic

### Important health, safety and environmental information

#### Changes in the physical state

	Test method
Density (at 20 °C):	1,13 - 1,15 g/cm <sup>3</sup> DIN 53217
Water solubility:	partially miscible
Viscosity / dynamic: (at 25 °C)	10.000 - 14.000 mPa·s ISO 9371

### Other information

Ignition temperature: > 100 °C ISO 2719

## 10. Stability and reactivity

### Conditions to avoid

no decomposition when stored and handled properly

### Hazardous decomposition products

Reacts with: Oxidizing agents. amines. epoxides

## 11. Toxicological information

### Irritation and corrosivity

Possible irritation to skin and mucous membranes.

## 12. Ecological information

### Further information

Do not let the product enter the groundwater, open water, or the sewerage system.

## 13. Disposal considerations

### Advice on disposal

Dispose of waste according to applicable local, state, and federal regulations. e.g. transfer to a suitable incineration plant Waste key numbers are assigned according to the European Waste Catalogue

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(EWC) depending on the sector and process type.

### Contaminated packaging

Dispose of waste according to applicable local, state, and federal regulations.

## 14. Transport information

### Land transport (ADR/RID)

#### Description of the goods

Not a hazardous material with respect to transportation regulations.

## 15. Regulatory information

### Labelling

#### Additional advice on labelling

The product is classified and labelled under the EC Directives/hazardous substances laws (GefStoffV).

### National regulatory information

Water contaminating class (D): - - not water contaminating

#### Additional information

APME document: "Epoxidharze und Härter (Toxikologie, Arbeitssicherheit, Umwelt)" ("Epoxy resins and hardeners (toxicology, work safety, environment)")

## 16. Other information

### Full text of R-phrases referred to under sections 2 and 3

22 Harmful if swallowed.  
36/38 Irritating to eyes and skin.

### Further Information

All information, recommendations, and advice on the part of R&G Faserverbundwerkstoffe GmbH are published to the best of our knowledge and belief. They are noncommittal and contain neither explicit nor tacit assurance or warranty of particular properties. The values specified for properties are typical figures. Recommendations or advice serve to describe our products and possible applications in a general or exemplary, but not specifically individual manner. In the course of the constant technical advancement and improvement of our products there may be changes to the characteristic values, copy, and diagrams; no specific reference is made to any such change. Owing to our products' wide and highly diverse range of potential applications far beyond any of our attempts to analyse, the customer alone is responsible for examining our products' suitability for the respective processes and purposes and their respective processibility. All and any protective rights and the applicable laws, terms, and conditions must be observed by the buyer or user of our products at their own responsibility. Publication is not a licence and does not intend the violation of any patents.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*