according to Regulation (EU) No. 1907/2006

Mould resin P

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Mould resin P

Company/undertaking identification

Company name : R&G Faserverbundwerkstoffe GmbH

Composite Technology

Street : Im Meißel 7 - 13
Place : D-71111 Waldenbuch

Post-office box: 1145

D-71107 Waldenbuch

Telephone: +49-7157-530460 Telefax: +49-7157-530470

e-mail : info@r-g.de
Internet : www.r-g.de
Inquiry office : Management

Emergency telephone : poison information centre

2. Hazards identification

Classification

Indications of danger: Irritant, Dangerous for the environment

R-phrases:

Irritating to eyes and skin.

May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Hazardous components

| EC-No. | CAS-No. | Chemical name | Quantity | Classification |
|-----------|---------|--|----------|-----------------------|
| 500-033-5 | | epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin) | 100 % | Xi, N R36/38-43-51-53 |

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Change contaminated clothing.

After inhalation

Provide fresh air. Consult physician. If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

After contact with skin, wash immediately with soap and plenty of water. Consult physician if problems persist.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an opthalmologist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Consult physician.

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5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO2). 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 preparation itself, combustion products, resulting gases

Carbon monoxide. Chlorhydric gas (HCI).

Special protective equipment for fire-fighters

Wear a protective full body suit. Wear breathing apparatus without recirculating air and suitable protective clothing.

Additional information

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 let the product enter the groundwater, open water, or the sewerage system.

Methods for cleaning up/taking up

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 room ventilation, if necessary with vapour extraction at the workplace.

Storage

Requirements for storage rooms and vessels

Employ reliable measures to prevent the product from entering the soil.

Further information on storage conditions

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

Storageclass (VCI):

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

9. Physical and chemical properties

General information

Physical state : viscous Colour : black

Odour: weak characteristic

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Important health, safety and environmental information

Test method

Changes in the physical state

Flash point : > 200 °C
Vapour pressure : <0,1 hPa

(at 20 °C)

Density (at 20 °C):

Water solubility:

1,3 g/cm³

insoluble in water

Viscosity / dynamic:

ca. 10000 mPa·s

(at 25 °C)

10. Stability and reactivity

Hazardous decomposition products

Irritant gases / vapors

Additional information

in some cases very violent reactions with: alkalis and numerous organic substance categories like alcohols and amines

11. Toxicological information

Acute toxicity

oral LD50: 11400 mg/kg rat LD50: >2000 mg/kg rabbit

Corrosive and irritant effects

Irritation to skin, eyes, and mucous membranes.

12. Ecological information

Persistence and degradability

Biological degradation: Product is biodegradable with difficulty.

Further information

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

13. Disposal considerations

14. Transport information

Land transport (ADR/RID)

UN number : 3082 ADR/RID class : 9

Warning plate

Hazard-no.: 90 Hazard label: 9

Description of the goods

3082 UMWELTGEFÄHRDENDER STOFF, FLÜSSIG. N.A.G. (Epoxyidderivate)

Marine transport

UN number: 3082
IMDG code: 9
Marine pollutant: yes
IMDG packing group: III
EmS: F-A, S-F

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Description of the goods

ENVIROMENTALLY HARZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxide derivatives)

Air transport

UN/ID number: 3082
ICAO/IATA-DGR: 9
Hazard label: 9
ICAO packing group: II

Description of the goods

ENVIROMENTALLY HARZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxide derivatives)

15. Regulatory information

Labelling

Danger symbols: Xi - Irritant; N - Dangerous for the environment

R phrases

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

28 After contact with skin, wash immediately with plenty of water and soap. .

Avoid release to the environment. Refer to special instructions / Safety data sheets.

37/39 Wear suitable gloves and eye/face protection.

National regulatory information

Water contaminating class (D): 2 - water contaminating

16. Other information

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

| 36/38 | Irritating to eyes and skin. | |
|-------|--|--|
| 43 | May cause sensitization by skin contact. | |
| 51 | Toxic to aquatic organisms. | |

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

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