

Reib Kraft Turbo 2K epoxy adhesive 5 minutes resin

Phone number : 06221-840919 Fax: 06221-830959

Identification of substance/ preparation and of the company/undertaking

Trade name : **Reib Kraft Turbo 2K epoxy adhesive 5 minutes resin**
Reib GmbH

Company : Im Schuhmachergewann 15
D – 69123 Heidelberg

Emergency phone : 06221-830958

Composition/information on ingredients**Chemical characterization : preparation**

Bisphenol A epoxy resin containing reactive diluent

Ingredients	CAS-no	Hazard Symbols	R-phrases	Concentration
-------------	--------	----------------	-----------	---------------

Butanedioldiglycidyl ether	2425-79-8	Xn	R20/21-R36/38-R43-3....9% R52/53	
----------------------------	-----------	----	-------------------------------------	--

Reacton product : bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight<700)

25068-38-6	Xi,N	R36/38-R43-R51/53	80....92%
------------	------	-------------------	-----------

Hazards identification

Irritating to eyes and skin. May cause sensitization by skin contact

First aid measures

Eye contact : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin contact : Wash off with soap and plenty of water. If skin irritation Persists, call a physician.

Inhalation : Move to fresh air. Call a physician immediately.

Ingestion : Do not induce vomiting. Immediately give plenty of water (if Possible charcoal slurry).

Fire fighting measures

Special hazards : Burning produces and toxic fumes. Carbon oxides.

Protective equipment: Wear self-contained breathing apparatus and protective suit.

Extinguishing agents: Water spray. Dry powder. Carbon dioxide(CO2). Foam.

Non – suitable

Extinguishing agents: High volume water jet.

Accidental release measures

Personal

Precautions : Do not breathe vapours/dust. Avoid contact with skin, eye and clothing. Ensure adequate ventilation.

Environmental

Precautions : Do not allow material to contaminate ground water system.

Methods

For cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, Acid binder, universal binder, sawdust).

Handling and storage

Safe handling

Advice : Provide sufficient air exchange and/or exhaust in work rooms. Handle and open container with care.

Additional inform : Keep away from food, drink and animal feeding stuffs. Keep Container tightly closed. Store at room temperature in the Original container.

Exposure controls/personal protection**Exposure limits****Additional information on technical system design**

Technical measures : Ensure adequate ventilation, especially in confined areas.

Personal protection

Respiratory protect : In the case of hazardous fumes, wear self contained breathing Apparatus.

Eye protection : goggles

Hand protection : rubber or plastic gloves

Body protection : long sleeved clothing

Hygienic measures : keep away from food, drink and animal feeding stuffs. Wash Hands before breaks and immediately after handling the Product..

General personal

Protection : Avoid contact with skin, eyes and clothing.

Physical and chemical properties

Physical state : liquid

Colour : light yellow

Odour : slight

Thermal Decomposition	: 200 oC
Flash point	: >200oC Method : DIN 51758 (Pensky-Martens Closed Cup)
Density	: 1.14 g/cm ³
Solubility	: practically insoluble in/with water At 20 oC
pH-value (guant)	: 6 : 1:1 in water at 20 oC
Metal corrosion	:
Partiton coeff	:
Viscosity	: dynamic 20 .. 60 Pa*s at 25 oC

Stability and reactivity

Hazardous reactions (conditions to avoid)

Take necessare action to avoid static electricity discharge.

Materials to avoid

Strong acids and strong bases. Strong oxidizing agents.

Hazardous decomposition products

Carbon oxides.

Burning produces obnoxious ans toxic fumes.

Toxicological information

Acute toxicity (lethal doses)

LD50 oral rat

Dose : > 5000 mg/kg

Acute toxicity (irritation,sensitization etc)

Eye irritation sabbit

Results : irritating

Skin irritation dermal rabbit

Results : irritating

Sencitization dermal guinea pig

Results : Causes sensitization.

General information about or other toxicities

Experience with human beings : Epoxy resins with an average molecular weight of less than 700 may cause sensitization.

Exological information

Elimination

Biological degradability

Assessment : Not readily biodegradable.

Additional information about ecology

Degradability: Avoid subsoil penetration. Prevent product from entering Drains. Do not contaminate surface water.

Disposal considerations

Product : Must be incinerated, when in compliance with local Regulations. EWC-code : 070208

Container : Empty containers can be landfilled after cleaning, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

Transport information

Road transport

ADR/RID

Inform.applies to : product
 Class : 9
 Number/letter : 11c
 Hazard no. : 90
 UN no.: : 3082
 TREM-CARD : 9 OUMW-94
 Proper shipping name : ENVIRONMENTALLY
 HAZARDOUS SUBSTANCE
 LIQUID, N.O.S.
 Exception regulation : ADR Marginal 2901a (section b)
 Additional inform. : BISPHENOL A EPOXY RESIN

Maritime transport

IMDG Inform. Applies to : product

Air transport IATA	Class	: FREE
	Inform. Applies to Class	: product : FREE

Regulatory information

Classification according to EC directives

Classification	: Labelling required
Hazard labels	: (xi) Irritant
R-phrases	: (R36/38) Irritating to eyes and skin. (R43) May cause sensitization by skin contact.
S-phrases	: (S28) After contact with skin, wash immediately with Plenty of soap and water. (S37/39) Wear suitable gloves and eye/face protection.
Special label	: Contains epoxy constituents. See information supplied By the manufacturer.

Hazardous ingredients

Butanedioldiglycidyl ether reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight < 700)

National regulatory information

Other information

The provision of Safety Data Sheets comes under Regulation 6 of CHIP (CHIP is the recognized abbreviation for the Chemicals Hazard Information and Packaging Regulations). This is an addition to the Health and Safety at Work Act 1974.

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of a product in conflict of any patent.