

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product: Kleber Aloglue HTJ; Resin
Manufacturer/Distributor: JELN Imprägnierung GmbH
Vogelsrather Weg 25, 41366 Schwalmtal
Phone 0049-2161-898857
Emergency advice: 02161-898857
Recommended purpose: 2K-Epoxy-adhesive

2. HAZARDS IDENTIFICATION

Classification

Xi; R36/38
R43
N.; R51/53

R-phrases

36/38
43 May cause sensitisation by skin contact
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Epoxy resin with ceramics

Hazardous ingredients

CAS-No	EC No	Name	[% weight]	Classification
28064-14-4	-	Novolak epoxy resin	50-75	Xi R36/38; R43; N R51-53

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing label.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing substance

Foam
Dry fire-extinguishing substance
Carbon dioxide
Water spray jet

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In the event of fire the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Corrosive gases

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid skin contact with running out liquid.
Avoid skin contact.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water.

Methods for cleaning up

Take up with absorbent material (e.g. general-purpose binder).
Take up mechanically and send for disposal.

7. HANDLING AND STORAGE

Advice on safe handling

Take the usual precautions when handling with chemicals.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
Protect from extreme heat and cold.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Not needed if sufficient ventilation is provided.

Hand protection

Detailed information of protective gloves are provided by manufacturers; p.e. at www.kcl.de or www.mapa-professionel.com.

Details about protective glove material (kind/type, thickness, duration of permeation/wearing, wetting): p.e. nitrile 0,4 mm thick – permeation time = 480 min.

Eye protection

Safety goggles.

Skin protection

Light protective clothing.

Hygiene measures

At work do not eat, drink and smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour
Putty	light yellow	little

Important health, safety and environmental information

	Value
pH-value in delivery state	not applicable
Boiling point	not applicable
Flash point	> 100°C
Density	1,4 to 1,6 g/ccm
Solubility in water	almost not soluble
Viscosity	> 1000 Pas

10. STABILITY AND REACTIVITY

Conditions to avoid

Sun light.
Storage at elevated temperature.

Materials to avoid

Strong oxidizing agents
Strong reducing agents
Strong acids, lyes and humidity

Thermal decomposition

No decomposition if used properly.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/irritability/sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 5000mg/kg	rat	LD 50	
Irritability skin	corrosive	rabbit		
Irritability eye	corrosive	rabbit eye		
Skin sensitization	sensitizing	Guinea pig		

12. ECOLOGICAL INFORMATION

General regulation

If properly handled the product does not cause any damage.

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Mix with the proper amount of corresponding resin. After full cure the material can be disposed without restrictions. Anyway, dispose under observation of local regulations.

Recommendations for packing

Empty containers have to be cleaned thoroughly before wasted. If the containers contain still residues of the material they have to be treated and disposed according to the regulations for hazardous goods.

General information

Waste numbers according to European waste list. Because of different use of the product there is no special number which relates generally. Please, show up according to your use.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), 9, III, (E), Classification code: M6

Transport/further information

LQ07: 5 ltr. per container and 30 kg per total packing.

15. REGULATORY INFORMATION

Classification

Xi Irritant
N Dangerous for the environment

R-phrases

36/38 Irritating to eyes and skin.
43 May cause sensitisation by contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

24 Avoid contact with skin.
37 Wear suitable gloves.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazardous ingredients for labelling

Novolak epoxy resin

National regulations

Water hazard class 2 Self-classification acc. VwVwS

Other regulations, restrictions and prohibition regulations

“Merkblatt E 05-Epoxyharze” (Kühn-Biret) und “Polyester- und Epoxyharze” (BG-Chemie, Merkblatt M 023)

16. OTHER INFORMATION

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation)

R 20/21 Harmful by inhalation and in contact with skin.
R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.