

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)



Aloglue NTJ Resin

Version: 1 / GB

Replaces Version: - / GB

Print date: 18.03.2015

Date revised: 18.03.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Aloglue NTJ Resin

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Resin, 2K-Epoxy system

1.3. Details of the supplier of the safety data sheet

Firm

JELN Imprägnierung GmbH
Vogelsrather Weg 25
41366 Schwalmthal
GERMANY
Telephone: +49 2161 898857
Telefax: +49 2161 898847
Website: www.jeln.de
E-mail: info@jeln.de

Information contact

Dr. Pluta, Tel.: +49 2161 898857
Only available during office hours.

1.4. Emergency telephone number

+49 228 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1	H317
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Aquatic chronic 2	H411

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Classification	R43
	Xi, R36/38
	N, R51/53

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

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Warning

Hazard statements

H317	May cause an allergic skin reaction.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
EUH205	Contains epoxy constituents. May produce an allergic reaction.

Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315	Get immediate medical advice/attention.
P501	Dispose of contents/container to hazardous or special waste collection point.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols



Dangerous for the environment



irritant

R phrases

R36/38	Irritating to eyes and skin.
R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S57	Use appropriate container to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/Safety data sheets.

Hazardous component(s) to be indicated on label

contains	Bisphenol F - Phenol Polymer; Reaction product: Bisphenol A- (Epichlorhydrin); epoxy resin (number average molecular weight <= 700); 1,4-Bis(2,3 epoxypropoxy)butane
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Special labelling for certain preparations

Contains epoxy constituents. Observe manufacturer's instructions.

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****Bisphenol F - Phenol Polymer**

CAS No.	28064-14-4				
Concentration	>=	25	<	50	%
Classification (Directive 67/548/EEC)					
Classification					Xi, R36/38 R43 N, R51/53

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Irrit. 2	H319
Aquatic chronic 2	H411

Reaction product: Bisphenol A-(Epichlorhydrin); epoxy resin (number average molecular weight <= 700)

CAS No.	25068-38-6				
EINECS no.	500-033-5				
Concentration	>=	25	<	50	%
Classification (Directive 67/548/EEC)					
Classification					Xi, R36/38 N, R51/53 R43

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319
Skin Irrit. 2	H315
Skin Sens. 1	H317
Aquatic chronic 2	H411

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315	>= 5
Eye Irrit. 2	H319	>= 5

1,4-Bis(2,3 epoxypropoxy)butane

CAS No.	2425-79-8				
EINECS no.	219-371-7				
Concentration	>=	1	<	10	%
Classification (Directive 67/548/EEC)					
Classification					Xn, R20/21 Xi, R36/38 R43

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Irrit. 2	H319
Acute Tox. 4	H312
Acute Tox. 4	H332

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Other information

Complete text of H/R-phrases in Chapter 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink.

4.2. Most important symptoms and effects, both acute and delayed

Allergic symptoms, Skin corrosion/irritation, Serious eye damage/irritation

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO), Carbon dioxide (CO₂), Toxic gases/vapours

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

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Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container.

Hints on storage assembly

Do not store together with: Acids, Bases, Oxidising agents

Storage class according to TRGS 510 (Germany)

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

7.3. Specific end use(s)

Resin, 2K-Epoxy system

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Use barrier skin cream. Hold eye wash fountain available.

Respiratory protection

Not necessary, but do not inhale vapours.

Hand protection

Wear suitable gloves tested to EN374.

Appropriate Material neoprene

Breakthrough time > 480 min

The breakthrough time must be greater than the end use time of the product.

Always ensure that gloves are free from defects and that they are stored and used correctly.

Eye protection

Wear eye glasses with side protection according to EN 166.

Body protection

Personnel should wear protective clothing.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Pasty
Colour	grey or white
Odour	characteristic
pH value	
Remarks	Not applicable
Initial boiling point and boiling range	
Remarks	Not applicable
Flash point	
Value	> 100 °C
Density	
Value	appr. 1,6 g/cm ³
Solubility in water	
Remarks	virtually insoluble

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

Acids, Bases, Oxidising agents

10.6. Hazardous decomposition products

No decomposition if used as prescribed. In the event of fire the following can be released:
Carbon monoxide (CO), Carbon dioxide (CO₂), Toxic gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity (Components)

Reaction product: Bisphenol A-(Epichlorhydrin); epoxy resin (number average molecular weight <= 700)

Species	rat	
LD50	> 1000	mg/kg

Skin corrosion/irritation

Evaluation Causes skin irritation.

Serious eye damage/irritation

Evaluation Causes serious eye irritation.

Sensitization

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Evaluation

May cause an allergic skin reaction.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information

12.1. Toxicity

General information

Product specific toxicological data are not known. Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

General information

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

General information

There are no data available on the mixture itself.

12.4. Mobility in soil

General information

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

General information

There are no data available on the mixture itself.

12.6. Other adverse effects

General information

No data available

General information / ecology

Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1. UN number

ADR/RID: 3082

IMDG: 3082

IATA: 3082

14.2. UN proper shipping name

ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A-Epichlorohydrin resin)

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol

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IATA: A-Epichlorohydrin resin)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol
A-Epichlorohydrin resin)

14.3. Transport hazard class(es)

ADR/RID: 9

IMDG: 9

IATA: 9

14.4. Packing group

ADR/RID: III

IMDG: III

IATA: III

14.5. Environmental hazards

ADR/RID:

ENVIRONMENTALLY
HAZARDOUS

IMDG: Marine Pollutant

IATA:

ENVIRONMENTALLY
HAZARDOUS

14.6. Special precautions for user

The relevant transport regulations have to be considered.

Limited quantities

ADR/RID: 5 L

Tunnel restriction code

ADR/RID: E

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Storage class according to TRGS 510 (Germany)

Storage class according to
TRGS 510

10

Flammable liquids

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

R-phrases listed in Chapter 3

20/21

Harmful by inhalation and in contact with skin.

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.

Hazard statements listed in Chapter 3

H312

Harmful in contact with skin.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H332

Harmful if inhaled.

H411

Toxic to aquatic life with long lasting effects.

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CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.