

Trade name: einZA mix Härter LawiPox, für Epoxidharz-Versiegelung Basis 3**Product no.:** 0069081**Current version :** 1.0.2, issued: 27.03.2017**Replaced version:** 1.0.2, issued: 15.03.2017**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****einZA mix Härter LawiPox, für Epoxidharz-Versiegelung Basis 3****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Hardener for epoxy resin

sealing

Coatings

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

einZA Farben GmbH & Co KG

Junkersstraße 13

30179 Hannover

Telephone no. +49 (0)511 67490-0

Fax no. +49 (0)511 67490-20

e-mail info@einZA.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 2; H411

Eye Irrit. 2; H319

Skin Irrit. 2; H315

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS07



GHS09

Signal word

Warning

Hazardous component(s) to be indicated on label:reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Hazard statements

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H411

Toxic to aquatic life with long lasting effects.

Hazard statements (EU)

EUH205

Contains epoxy constituents. May produce an allergic reaction.

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Precautionary statements

| | |
|----------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P261 | Avoid breathing vapours/spray. |
| 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. |
| P501 | Dispose of contents/container to a facility in accordance with local and national regulations. |

2.3 Other hazards

PBT assessment
The components of this product are not considered to be a PBT.

vPvB assessment
The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

| No | Substance name | | Additional information | |
|----|---|--|------------------------|--------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | |
| | | | | % |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | | | |
| | 25068-38-6 500-033-5 603-074-00-8 01-2119456619-26 | Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 | >= 70.00 - < 90.00 | %-b.w. |
| 2 | p-tert-butylphenyl 1-(2,3-epoxy)propyl ether | | | |
| | 3101-60-8 221-453-2 - - | Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 | >= 10.00 - < 25.00 | %-b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|---|------------------|--------------------|
| 1 | - | Eye Irrit. 2; H319: C ≥ 5% Skin Irrit. 2; H315: C ≥ 5% | - | - |

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

water 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 pyrolysis products; Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Due to the organic solvents' content of the mixture: Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flattening] should be used wherever possible. Avoid inhalation of dust from sanding. For personal protection see section 8.

General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Comply with legal health and safety regulations; Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

Advice on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

7.3 Specific end use(s)

No data available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL and PNEC values

DNEL values (worker)

| No | Substance name | | | CAS / EC no |
|----|--|---------------------|----------|-------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | | | 25068-38-6 500-033-5 |
| | dermal | Long term (chronic) | systemic | 8.33 mg/kg/day |
| | dermal | Short term (acute) | systemic | 8.33 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 12.25 mg/m ³ |
| | inhalative | Short term (acute) | systemic | 12.25 mg/m ³ |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|--|---------------------|----------|-------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | | | 25068-38-6 500-033-5 |
| | oral | Long term (chronic) | systemic | 0.75 mg/kg/day |
| | oral | Short term (acute) | systemic | 0.75 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 3.571 mg/kg/day |
| | dermal | Short term (acute) | systemic | 3.571 mg/kg/day |

PNEC values

| No | Substance name | | CAS / EC no |
|----|--|-------------------------------|-------------------------|
| | ecological compartment | Type | Value |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | | 25068-38-6 500-033-5 |
| | water | fresh water | 0.006 mg/l |
| | water | marine water | 0.0006 mg/l |
| | water | Aqua intermittent | 0.018 mg/l |
| | water | fresh water sediment | 0.996 mg/kg |
| | water | with reference to: dry weight | |
| | water | marine water sediment | 0.0996 mg/kg |
| | water | with reference to: dry weight | |
| | soil | - | 0.196 mg/kg |
| | soil | with reference to: dry weight | |
| | sewage treatment plant | - | 10 mg/l |
| | secondary poisoning | - | 11 mg/kg |
| | secondary poisoning | with reference to: food | |

8.2 Exposure controls

Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. Filter A2P2 (DIN EN 14387)

Eye / face protection

Wear safety goggles to protect against splashes. Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

| | | | |
|----------------------|--|-----|------|
| Appropriate Material | In case of short-term contact / splash protection: | | |
| Appropriate Material | nitrile rubber | | |
| Material thickness | > | 0.4 | mm |
| Breakthrough time | > | 120 | min. |
| Appropriate Material | In case of longer-term contact: | | |
| Appropriate Material | butyl rubber | | |

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| | | | |
|--------------------|---|-----|------|
| Material thickness | > | 0.4 | mm |
| Breakthrough time | > | 480 | min. |

Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | | |
|--|-------------------|------|-------------------|
| Form/Colour | | | |
| pasty | | | |
| light brown | | | |
| Odour | | | |
| characteristic | | | |
| Odour threshold | | | |
| No data available | | | |
| pH value | | | |
| No data available | | | |
| Boiling point / boiling range | | | |
| Value | | 201 | °C |
| Melting point / melting range | | | |
| No data available | | | |
| Decomposition point / decomposition range | | | |
| No data available | | | |
| Flash point | | | |
| Value | | 101 | °C |
| Ignition temperature | | | |
| Value | | 455 | °C |
| Auto-ignition temperature | | | |
| No data available | | | |
| Oxidising properties | | | |
| Not applicable | | | |
| Explosive properties | | | |
| No data available | | | |
| Flammability (solid, gas) | | | |
| Not applicable | | | |
| Lower flammability or explosive limits | | | |
| No data available | | | |
| Upper flammability or explosive limits | | | |
| No data available | | | |
| Vapour pressure | | | |
| Value | | 2.3 | hPa |
| Vapour density | | | |
| No data available | | | |
| Evaporation rate | | | |
| No data available | | | |
| Relative density | | | |
| No data available | | | |
| Density | | | |
| Value | | 1.12 | g/cm ³ |
| Reference temperature | | 20 | °C |
| Method | DIN EN ISO 2811-2 | | |
| Solubility in water | | | |
| Remarks | emulsifiable | | |

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| Solubility(ies) | |
|-------------------|--|
| No data available | |

| Partition coefficient: n-octanol/water | | | |
|--|---|------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| log Pow | >= | 2.981 | |
| Reference temperature | | 25 | °C |
| Method | OECD 117 | | |
| Source | ECHA | | |
| log Pow | >= | 2.981 | |
| Reference temperature | | 25 | °C |
| Method | OECD 117 | | |
| Source | ECHA | | |

| Viscosity | |
|-------------------|--|
| No data available | |

| Solvent separation test | |
|-------------------------|--|
| Not applicable | |

9.2 Other information

| Other information | |
|--------------------|--|
| No data available. | |

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| Acute oral toxicity | | | |
|---------------------------|---|------------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 420 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 420 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |

EC safety data sheet



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| Acute dermal toxicity | | | |
|---|---|------------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 402 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 402 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |
| Acute inhalational toxicity | | | |
| No data available | | | |
| Skin corrosion/irritation | | | |
| No data available | | | |
| Serious eye damage/irritation | | | |
| No data available | | | |
| Respiratory or skin sensitisation | | | |
| No data available | | | |
| Germ cell mutagenicity | | | |
| No data available | | | |
| Reproduction toxicity | | | |
| No data available | | | |
| Carcinogenicity | | | |
| No data available | | | |
| STOT-single exposure | | | |
| No data available | | | |
| STOT-repeated exposure | | | |
| No data available | | | |
| Aspiration hazard | | | |
| No data available | | | |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure | | | |
| <p>Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. Based on the properties of the epoxy constituent(s) and considering toxicological data on similar mixtures, this mixture may be a skin sensitiser and an irritant. It contains low molecular weight epoxy constituents which are irritating to eyes, mucous membrane and skin. Repeated skin contact may lead to irritation and to sensitisation, possibly with cross-sensitisation to other epoxies. Skin contact with the mixture and exposure to spray mist and vapour should be avoided.</p> | | | |

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SECTION 12: Ecological information

12.1 Toxicity

| | |
|---------------------------------|--|
| Toxicity to fish (acute) | |
| No data available | |

| | |
|-----------------------------------|--|
| Toxicity to fish (chronic) | |
| No data available | |

| | |
|------------------------------------|--|
| Toxicity to Daphnia (acute) | |
| No data available | |

| Toxicity to Daphnia (chronic) | | | |
|--------------------------------------|---|---------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| NOEC | | 0.3 | mg/l |
| Duration of exposure | | 21 | day(s) |
| Species | | Daphnia magna | |
| Method | | OECD 211 | |
| Source | | ECHA | |
| NOEC | | 0.3 | mg/l |
| Duration of exposure | | 21 | day(s) |
| Species | | Daphnia magna | |
| Method | | OECD 211 | |
| Source | | ECHA | |

| Toxicity to algae (acute) | | | |
|----------------------------------|---|---------------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| EC50 | | 9.4 | mg/l |
| Duration of exposure | | 72 | h |
| Species | | Scenedesmus capricornutum | |
| Method | | EPA-660/3-75-009 | |
| Source | | ECHA | |
| EC50 | | 9.4 | mg/l |
| Duration of exposure | | 72 | h |
| Species | | Scenedesmus capricornutum | |
| Method | | EPA-660/3-75-009 | |
| Source | | ECHA | |

| | |
|------------------------------------|--|
| Toxicity to algae (chronic) | |
| No data available | |

| | |
|--------------------------|--|
| Bacteria toxicity | |
| No data available | |

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

| Partition coefficient: n-octanol/water | | | |
|---|---|------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 25068-38-6 | 500-033-5 |
| log Pow | | ≥ | 2.981 |
| Reference temperature | | 25 | °C |
| Method | | OECD 117 | |
| Source | | ECHA | |
| log Pow | | ≥ | 2.981 |
| Reference temperature | | 25 | °C |
| Method | | OECD 117 | |
| Source | | ECHA | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| | |
|---|---|
| Results of PBT and vPvB assessment | |
| PBT assessment | The components of this product are not considered to be a PBT. |
| vPvB assessment | The components of this product are not considered to be a vPvB. |

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12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code 08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Dispose of according to all applicable regulations upon consultation of the local competent authorities and the disposer in a suitable and authorised disposal facility.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

| | |
|--|--|
| Class | 9 |
| Classification code | M6 |
| Packing group | III |
| Hazard identification no. | 90 |
| UN number | UN3082 |
| Technical name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Danger releasing substance | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) |
| Tunnel restriction code | E |
| Label | 9 |
| Environmentally hazardous substance mark | Symbol "fish and tree" |

14.2 Transport IMDG

| | |
|----------------------------|--|
| Class | 9 |
| Packing group | III |
| UN number | UN3082 |
| Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Danger releasing substance | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) |
| EmS | F-A+S-F |
| Label | 9 |
| Marine pollutant mark | Symbol "fish and tree" |

14.3 Transport ICAO-TI / IATA

| | |
|--|--|
| Class | 9 |
| Packing group | III |
| UN number | UN3082 |
| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. |
| Danger releasing substance | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) |
| Label | 9 |
| Environmentally hazardous substance mark | Symbol "fish and tree" |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:

E2

National regulations

Other national regulations

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

Department issuing safety data sheet

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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