



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

| | |
|--|---|
| Name of product | Epoxy Resin Putty-Resin (GB) Code-Nr. 10500-2 |
| Manufacturer/distributor | WEICON GmbH & Co. KG Königsberger Straße 255, DE-48157 Münster Postbox 84 60, DE-48045 Münster Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244 E-Mail : info@weicon.de Internet : www.weicon.de |
| Advice | Abteilung Angebote, Verkauf, Export Phone ++49(0)251 / 9322 - 0 |
| Emergency advice | Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning) Phone ++49(0)228-19 240 |
| Recommended intended purpose(s) | 2-Component Epoxy Resin - Resin Component |

2. HAZARDS IDENTIFICATION

| | |
|-----------------------|---|
| Classification | |
| Xi; R36/38 | |
| R43 | |
| R52/53 | |
| R-phrases | |
| 36/38 | Irritating to eyes and skin. |
| 43 | May cause sensitisation by skin contact. |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization
Bisphenol-A-epoxy resin

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification |
|------------|-----------|---|------------|--------------------------|
| 25068-38-6 | 500-033-5 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700) | 18 - 24 | Xi R36/38; R43; N R51-53 |

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

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

Consult a doctor if skin irritation persists.



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

Give activated charcoal.

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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

Dense, black smoke.

Fire gas of organic material has to be classed invariably as respiratory poison.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Burns down under strong soot production.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

Methods for cleaning up

Take up with absorbent material.

After taking up the material dispose according to regulation.

7. HANDLING AND STORAGE

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Open and handle container with care!

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.



Do not store together with food.

Further information on storage conditions

Storage temperature between 2°C to 40°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Eye protection

tightly fitting goggles

Skin protection

langärmelige Arbeitskleidung

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

pasty

Colour

yellow

Odour

hardly noticeable

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|--|----------|-------------|----|-----------|------------------------------|
| melting point (decomposition) | > 200 °C | | | | |
| Flash point | > 150 °C | | | DIN 51758 | Pensky-Martens Closed Cup |
| Solubility in water | | 20 °C | | | insoluble |

10. STABILITY AND REACTIVITY

Materials to avoid

Reactions with strong acids and alkalis.

Reactions with strong oxidising agents.

Hazardous decomposition products

carbon monoxide and carbon dioxide

risk of formation of toxic pyrolysis products



Thermal decomposition

Remark No decomposition below 200°C.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

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

Experiences made from practice

Sensitization through skin contact possible.

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

| | Elimination rate | Method of analysis | Method | Validation |
|---------------------------------|-------------------------------------|--------------------|--------|------------|
| Biological degradability | The product is slightly degradable. | | | |

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

13. DISPOSAL CONSIDERATIONS

| Waste code No. | Name of waste |
|----------------|---|
| 07 02 08* | other still bottoms and reaction residues |

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.
Product rests: send for disposal, e.g. special waste incineration.

Recommendations for packaging

Empty containers can be deposited after cleaning in accordance with the local waste regulations.



14. TRANSPORT INFORMATION

Transport/further information

No hazardous material as defined by the prescriptions.

15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Classification

Xi Irritant

R-phrases

36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

2 Keep out of the reach of children.
28 After contact with skin, wash immediately with water and soap.
37 Wear suitable gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazardous ingredients for labeling

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

Special labelling for certain preparations

Contains epoxy-containing compounds. Observe manufacturer's instructions.

VOC standard

VOC content 0 %

16. OTHER INFORMATION

Recommend uses and restrictions

National and local regulations concerning chemicals shall be observed.

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