

Weicon GmbH

Revision date: 10.11.2009

Revision no.:

1,00

Epoxy Resin Putty-Hardener

7619-0047

1. Product and Company Identification**Commercial product name**

Epoxy Resin Putty-Hardener

Further trade names

10500-1

Chemical characterization (Mixture)

Non-hazardous preparation.

Hardener for a 2-component epoxy adhesive

Company/undertaking identification**Manufacturer**

Weicon GmbH

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2. Hazards Identification**Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

OSHA Hazard Communication: This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients**Hazardous components**

CAS No.	Components	Quantity
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	1 - 6 %

Further Information

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

4. First Aid Measures**General information**

Remove contaminated soaked clothing immediately.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

In the event of symptoms refer for medical treatment.

After contact with skin

Take away immediately by mechanical means.

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

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After contact with eyes

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

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

After ingestion

Do not induce vomiting.

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

5. Fire Fighting Measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Unsuitable extinguishing media

Full water jet

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide and carbon dioxide.

Nitrogen oxides (NO_x)

Protective equipment and precautions for firefighters

Use breathing apparatus with independent air supply.

Additional information

Cool endangered areas with water spray.

6. Accidental Release Measures

Personal precautions

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Take up with absorbent material.

Shovel into suitable container for disposal.

7. Handling and Storage

Handling

Advice on safe handling

Ensure adequate ventilation.

Avoid contact with skin, eyes and clothing.

Avoid formation of aerosols.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a cool, well-ventilated place.

Recommended storage temperature: room temperature.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

8. Exposure Controls/Personal Protection

Exposure limit values

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Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Avoid contact with eyes and skin.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Respiratory protection

Not required under normal use.

If ventilation insufficient, wear respiratory protection.

Hand protection

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> made by www.kcl.de. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Tightly fitting goggles

Skin protection

Long sleeved clothing.

9. Physical and Chemical Properties**Appearance**

Form:	Pasty
Color:	Blue
Odor:	Hardly noticeable

Important health, safety and environmental information

	Test method
pH-Value (at 20 °C):	n.d.
Changes in the physical state	
Melting point:	>200 °C
Boiling point:	>200 °C
Flash point:	> 100 °C Pensky-Martens CC EN 22719
Density (at 20 °C):	n.d.
Water solubility: (at 20 °C)	More or less insoluble

10. Stability and Reactivity**Stability**

Stable

Conditions to avoid

Keep away from heat and sources of ignition.

Materials to avoid

Reactions with strong acids and alkalies.

Strong oxidizing agents

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NOx)

Possibility of Hazardous Reactions

Will not occur



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Additional information

No decomposition if stored and applied as directed.

No decomposition below 200°C.

11. Toxicological Information

Acute toxicity

LD50/oral >2000 mg/kg Rat (male)

Corrosive and irritant effects

Health injuries are not known or expected under normal use.

Sensitizing effects

Sensitization skin: Non-sensitizing Guinea pig

Empirical data on effects on humans

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

12. Ecological Information

Further information

Do not discharge product unmonitored into the environment.

Product is not allowed to be discharged into aquatic environment.

13. Disposal Considerations

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name

Not regulated.

Land transport (ADR/RID)

Description of the goods

No hazardous material as defined by the transport regulations.

Other applicable information

No hazardous material as defined by the transport regulations.

15. Regulatory Information

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

16. Other Information

Hazardous Materials Information Label (HMIS)

Health: 0

Flammability: 0

Physical Hazard: 0

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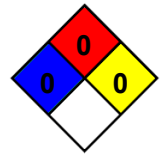
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NFPA Hazard Ratings

Health: 0
Flammability: 0
Reactivity: 0
Unique Hazard:



Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)