

Weicon GmbH

Revision date: 08.11.2009

Revision no.:

1,00

Easy-Mix Metal Hardener

7619-0043

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

Easy-Mix Metal Hardener

**Further trade names**

10652-1

**Chemical characterization ( Mixture )**

Non-hazardous preparation.

Hardener for a 2-component epoxy adhesive

**Company/undertaking identification****Manufacturer**

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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	<20 %

**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**

If eye irritation persists, consult a specialist.

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.

### **Advice to physician**

In the event of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

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## **5. Fire Fighting Measures**

### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), 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<sub>x</sub>)

### **Protective equipment and precautions for firefighters**

Use breathing apparatus with independent air supply.

### **Additional information**

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

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## **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.

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## **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.

#### **Further information on handling**

Keep in closed original container.

### **Storage**

#### **Requirements for storage rooms and vessels**

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

#### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

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## **8. Exposure Controls/Personal Protection**

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**Exposure limit values****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**

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.

**Eye protection**

Tightly fitting goggles

**Skin protection**

Protective clothing

**9. Physical and Chemical Properties****Appearance**

Form:	Liquid
Color:	Light yellow
Odor:	Characteristic

**Important health, safety and environmental information**

	Test method
pH-Value (at 20 °C):	n.d.

**Changes in the physical state**

Flash point:	> 100 °C
Density (at 20 °C):	1,18 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	n.d.

**10. Stability and Reactivity****Stability**

Stable

**Conditions to avoid**

Keep away from heat.

**Materials to avoid**

Reactions with strong acids and alkalis.

Strong oxidizing agents

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO<sub>x</sub>)

Toxic gases/vapours

**Possibility of Hazardous Reactions**

Will not occur



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**Additional information**

No decomposition if stored and applied as directed.

**11. Toxicological Information**

**Corrosive and irritant effects**

Health injuries are not known or expected under normal use.

**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**

Remove in accordance with local official regulations.

Where possible recycling is preferred to disposal.

Uncontaminated packaging may be treated as household waste.

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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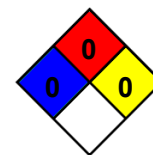
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**NFPA Hazard Ratings**

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)"

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