

Weicon GmbH

Revision date: 13.03.2010

Revision no.:

1,00

Repair Stick Steel

7619-0203

**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

Repair Stick Steel

**Further trade names**

10535

**Use of the substance/preparation**

Epoxy Resin

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

Weicon GmbH

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**Supplier**

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Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

**2. Hazards identification****Classification**

Indications of danger : Irritant, Dangerous for the environment

R-phrases:

Irritating to eyes and skin.

May cause sensitization by skin contact.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

2-Component Epoxy Resins

**Hazardous components**

CAS-No.	Chemical name	Quantity
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	15 - 24 %
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	1 - 10 %

**4. First aid measures****General information**

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

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In the event of symptoms refer for medical treatment.

**After contact with skin**

In case of contact with skin wash off with water.

Do not use solvents or thinners.

Consult a doctor if skin irritation persists.

**After contact with eyes**

May cause superficial burns.

Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.

Seek medical treatment by eye specialist.

**After ingestion**

Do not induce vomiting.

Summon a doctor immediately.

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

Rinse out mouth thoroughly with water.

**Advice to doctor**

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.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

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

**Special protective equipment for fire-fighters**

A self contained breathing apparatus should be worn in fire conditions.

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**6. Accidental release measures**

**Personal precautions**

Ensure adequate ventilation.

Use personal protective clothing.

Remove persons to safety.

**Environmental precautions**

Clean contaminated surface thoroughly.

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

**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**

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

When using, do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Pay attention to general rules of internal fire prevention.

**Further information on handling**

Keep in closed original container.

**Storage**

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**Requirements for storage rooms and vessels**

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

**Advice on storage compatibility**

Protect from direct solar radiation.

Protect from heat/overheating.

Storageclass (VCI): \_\_\_\_\_ 13 \_\_\_\_\_

**8. Exposure controls/personal protection****Exposure limit values****Additional advice on limit values**

Contains epoxy compounds. Observe the instructions of the manufacturer

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Do not inhale gases/vapours/aerosols.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Wash hands before breaks and after work.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

**Hand protection**

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

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**

Protective clothing

**9. Physical and chemical properties****General information**

Physical state:	Pasty
Colour:	Various
Odour:	Hardly noticeable

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point: &gt;200 °C

Density (at 20 °C): n.d.

Water solubility: Insoluble

(at 20 °C)

**10. Stability and reactivity**

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**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Keep away from heat.

**Materials to avoid**

Reactions with strong acids and alkalis.

Reactions with strong oxidizing agents.

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

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

Toxic gases/vapours

**Additional information**No decomposition if stored and applied as directed.

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**11. Toxicological information****Corrosive and irritant effects**

Skin irritation (rabbit): Irritant Rabbit

Eye irritation (rabbit): Irritant Rabbit eye

**Sensitizing effects**

May cause sensitization by inhalation.

Sensitization through skin contact possible.

**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.

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**12. Ecological information****Further information**

Do not discharge product unmonitored into the environment.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Product is not allowed to be discharged into aquatic environment.

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**13. Disposal considerations****Advice on disposal**

Remove in accordance with local official regulations.

Uncontaminated packaging may be treated as household waste.

Packaging that cannot be cleaned should be disposed of like the product.

**Contaminated packaging**

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

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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**14. Transport information****Canadian TDG****Proper shipping name**

Not regulated.

**Land transport (ADR/RID)****Description of the goods**No hazardous material as defined by the transport regulations.

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**15. Regulatory information****Canadian regulations**



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**DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

**WHMIS classification**

WHMIS: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

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**16. Other information**

**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.)*