



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

Fast-Metal Minute Adhesive Resin (GB)
Code-Nr. 105511

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 according to 67/548/EEC or 1999/45/EC

Xi; R36/38

R43

N; R51/53

R-phrases

36/38

Irritating to eyes and skin.

43

May cause sensitisation by skin contact.

51/53

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

Labelling according to 67/548/EEC or 1999/45/EC

Xi Irritant

N Dangerous for the environment

R-phrases

36/38

Irritating to eyes and skin.

43

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S-phrases

2

Keep out of the reach of children.

23

Do not breathe gas/fumes/vapour/spray.

24

Avoid contact with skin.

28

After contact with skin, wash immediately with plenty of water.

36/39

Wear suitable protective clothing and eye/face protection.

46

If swallowed, seek medical advice immediately and show this container or label.



Hazardous ingredients for labeling

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs., Reaction Product of Phenol-Formaldehyde Novolac and Epichlorohydrin, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)

3. Composition/information on ingredients

Hazardous ingredients

| CAS No | EC No | Name | [% weight] | Classification according to 67/548/EEC |
|------------|-----------|---|------------|--|
| 68609-97-2 | 271-846-8 | Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | 2,5 - 10 | Xi R38; R43 |
| 28064-14-4 | polymer | Reaction Product of Phenol-Formaldehyde Novolac and Epichlorohydrin | 10 - 25 | Xi R36/38; R43; N R51/53 |
| 25068-38-6 | 500-033-5 | reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700) | 25 - 50 | 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 rinsing with plenty of lukewarm water carefully and seek for medical treatment.

Call for a doctor immediately.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth thoroughly with water.

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

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

Nitrogen oxides (NOx)

Under certain fire conditions traces of other toxic substances cannot be excluded.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).

Do not inhale explosion and/or combustion gases.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.



6. Accidental release measures

Personal precautions

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

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.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Requirements for storage rooms and vessels

Keep only in original container.

Further information on storage conditions

Protect from direct solar radiation.
Store container at cool and aired place.
Store in a dry place.
Protect from heat/overheating.

8. Exposure controls/personal protection

Additional advice on system design

Sufficient ventilation and exhaustion.

Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.
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]: natural rubber, 0,6mm; 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

protective clothing

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 viscous | Colour various, depending on coloration | Odour characteristic |
|------------------------|---|--------------------------------|

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|----------------------------|--------------------------|-------------|----|--------|-----------------------------|
| boiling point | 2230 °C | | | | |
| Flash point | | | | | No flash point below 100°C. |
| Density | 1,2215 g/cm ³ | 20 °C | | | |
| Solubility in water | | | | | difficult to dissolve |

10. Stability and reactivity

Conditions to avoid

Keep away from heat.

If product is heated above decomposition temperature toxic vapours may be released.

Materials to avoid

Reactions with amines.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NO_x)

risk of formation of toxic pyrolysis products

11. Toxicological information

Acute toxicity/Irritability/Sensitization

| | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|------------|--------|--------|
| 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

The product is to be handled with the caution usual with chemicals.

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



12. Ecological information

General regulation

Even in the event of low quantities penetration into the underground drinking water is contaminated.
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.

15 01 02

Name of waste

plastic packaging

Recommendations for the product

Remove in accordance with local official regulations.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

Recommendations for packaging

Dispose of according to the local waste regulations.

14. Transport information

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxydharz), 9, III, (E), Classification code: M6

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin), 9, III, MARINE POLLUTANT

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin), 9, III

Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

15. Regulatory information

16. Other information

Recommend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Each user is responsible for the implementation of the national special regulations.

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.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 36/38 Irritating to eyes and skin.

R 38 Irritating to 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.