



## SECTION 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

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended intended purpose(s)**  
2-Component Epoxy Resin - Resin Component

### Details of the supplier of the safety data sheet

**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  
E-mail (competent person):  
info@weicon.de

### Emergency telephone number

**Emergency advice** Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)  
Phone ++49(0)228-19 240

## SECTION 2: Hazards identification

### Classification of the substance or mixture

#### 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.

### Label elements

#### 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 May cause sensitisation by skin contact.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### S-phrases

2 Keep out of the reach of children.  
24 Avoid contact with skin.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
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-(epichlorohydrin) epoxy resin (number average molecular weight  $\leq$  700)

**Special rules for supplemental label elements for certain mixtures**

Contains epoxy constituents. See information supplied by the manufacturer.

**Other hazards**

Bei der Bearbeitung (Schleifen) können gesundheitsschädliche alveolengängige quarzhaltige Stäube entstehen.

**SECTION 3: Composition/ information on ingredients****Mixtures****Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight $\leq$ 700)	> 25	Xi R36/38; R43; N R51-53
68609-97-2	271-846-8	Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	< 10	Xi R38; R43
55492-52-9	POLYMER	bisphenol f epoxy resin	> 10	Xi R36/38; R43; N R51/53
14808-60-7	238-878-4	Quarz (SiO <sub>2</sub> )	ca. 50	Xn R48/20

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight $\leq$ 700)	> 25	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411
68609-97-2	271-846-8	Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	< 10	Skin Irrit. 2, H315 / Skin Sens. 1, H317
55492-52-9	POLYMER	bisphenol f epoxy resin	> 10	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411
14808-60-7	238-878-4	Quarz (SiO <sub>2</sub> )	ca. 50	STOT RE 1, H372

**REACH**

CAS No	Name	REACH registration number
25068-38-6	reaction product: bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight $\leq$ 700)	01-2119456619-26-xxxx

**SECTION 4: First aid measures****Description of 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.

**In case of ingestion**

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth thoroughly with water.



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**Most important symptoms and effects, both acute and delayed**

No information available.

**Indication of any immediate medical attention and special treatment needed**

No information available.

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**SECTION 5: Firefighting measures**

**Extinguishing media**

**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.

**Advice for firefighters**

**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.

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**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.  
Avoid dust formation.  
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 and material for containment and cleaning up**

Take up with absorbent material.  
After taking up the material dispose according to regulation.

**Reference to other sections**

No information available.

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**SECTION 7: Handling and storage**

**Precautions for safe handling**

**Advice on safe handling**

Avoid the formation of dust.  
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

**Conditions for safe storage, including any incompatibilities**

**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.

**Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**Ingredients with occupational exposure limits to be monitored**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
7429-90-5	Aluminium metal: inhalable dust	8 hours	10		EH40/2005
7429-90-5	Aluminium metal: respirable dust	8 hours	4		EH40/2005

**Exposure controls**

**Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.  
Breathing apparatus in the event of aerosol or mist formation.  
Particle-filtering half mask, filter P2  
In case of dust formation wear micro dust mask.  
Breathing apparatus with combination filter A2/P2

**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 dust.

**Hygiene measures**

At work do not eat, drink and smoke.  
Wash hands before breaks and after work.

**Additional advice on system design**

Sufficient ventilation and exhaustion.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Form</b>	<b>Colour</b>	<b>Odour</b>
viscous	grey	characteristic

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>					not applicable
<b>Density</b>	1,67 g/cm3	20 °C			



Value	Temperature	at	Method	Remark
<b>Solubility in water</b>				insoluble

**Other information**

No information available.

**SECTION 10: Stability and reactivity****Reactivity**

No information available.

**Chemical stability**

No information available.

**Possibility of hazardous reactions**

No information available.

**Conditions to avoid**

Keep away from heat.

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

**Incompatible materials****Materials to avoid**

Reactions with amines.

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

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

risk of formation of toxic pyrolysis products

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	irritant	rabbit		
<b>Irritability eye</b>	irritant	rabbit eye		
<b>Skin sensitization</b>	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.

Other hazardous properties may not be excluded.

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

**SECTION 12: Ecological information****Toxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulative potential**



No information available.

**Mobility in soil**

No information available.

**Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**Other adverse effects**

**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.

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## SECTION 13: Disposal considerations

**Waste treatment methods**

**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.

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## SECTION 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: Yes

**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)

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

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## SECTION 15: Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**VOC standard**

**Remark**

Daten separat anfragen / Request data separately.

**Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

Chemical safety assessments for substances in this mixture were not carried out.



## SECTION 16: Other information

### Training advice

Bei der Bearbeitung (Schleifen) können gesundheitsschädliche alveolengängige quarzhaltige Staube entstehen. Langandauerndes und/oder intensives Einatmen von alveolengängigem kristallinem Siliziumdioxid kann die Staublungenkrankheit (Silikose) verursachen.

### Recommended 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 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H372 Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H411 Toxic to aquatic life with long lasting effects.