



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

### Product identifier

**Name of product** Plastic-Metal WR 2 Hardener (GB)  
Code-Nr. 103502

### 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 - Hardener Component

## 2. Hazards identification

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

Xi; R36/38  
R43

#### R-phrases

36/38 Irritating to eyes and skin.  
43 May cause sensitisation by skin contact.

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

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives.

**Xi** Irritant

#### R-phrases

36/38 Irritating to eyes and skin.  
43 May cause sensitisation by skin contact.

#### S-phrases

24 Avoid contact with skin.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
46 If swallowed, seek medical advice immediately and show this container or label.

#### Hazardous ingredients for labeling

3,6-diazaoctanethylenediamin



### 3. Composition/information on ingredients

#### Description

Modified polyamine

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
90-72-2	202-013-9	2,4,6-tris(dimethylaminomethyl)phenol	1 - 5	Xn R22; Xi R36/38
112-24-3	203-950-6	3,6-diazaoctanethylenediamin	< 10	Xn R21; C R34; R43; R52-53
14807-96-6	238-877-9	talcum (Mg3H2(SiO3)4)	40 - 60	-

### 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 rinse thoroughly with plenty of water and seek medical advice.

#### In case of ingestion

Give activated charcoal.

Do not induce vomiting.

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

#### Treatment (Advice to doctor)

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

### 5. Firefighting measures

#### Suitable extinguishing media

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 (NO<sub>x</sub>)

Carbon monoxide (CO)

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

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Use breathing apparatus with independent air supply ( isolated ).

#### 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

Avoid formation of aerosols.  
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.  
Open and handle container with care!

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking  
Take precautionary measures against static discharges.  
Pay attention to general rules of internal fire prevention.

### Requirements for storage rooms and vessels

Keep in closed original container.

### Advice on storage compatibility

Do not store together with animal feedstuffs.  
Do not store together with food.

### Further information on storage conditions

Keep container tightly closed.  
Storage temperature between 2°C to 40°C

## 8. Exposure controls/personal protection

### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
14807-96-6	Talc respirable dust	8 hours	1		EH40/2005

### Respiratory protection

If ventilation insufficient, wear respiratory protection.

### 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]: Nitrile rubber; 0,4mm; 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.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

### Eye protection

tightly fitting goggles

### Skin protection

langärmelige Arbeitskleidung

**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.

**9. Physical and chemical properties**

<b>Form</b> pasty	<b>Colour</b> green	<b>Odour</b> hardly noticeable
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**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	11-12	20 °C			1:1 in water
<b>boiling point</b>	> 200 °C				
<b>decomposition point</b>	> 200 °C				
<b>Flash point</b>	> 100 °C			DIN 51758	
<b>Solubility in water</b>		20 °C			miscible

**10. Stability and reactivity****Materials to avoid**

Reactions with strong acids and alkalis.  
Reactions with strong oxidising agents.

**Hazardous decomposition products**

Smoke.  
Carbon monoxide and carbon dioxide.  
Nitrous oxides (NO<sub>x</sub>)  
Toxic gases/vapours

**Thermal decomposition**

Remark No decomposition below 200°C.

**11. Toxicological information****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat		
<b>Irritability skin</b>	irritant	rabbit		
<b>Irritability eye</b>	irritant	rabbit eye		
<b>Skin sensitization</b>	sensitizing	Guinea pig		



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**Additional information**

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

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**12. Ecological information**

**General regulation**

Do not allow uncontrolled leakage of product into the environment.  
Product is not allowed to be discharged into aquatic environment.

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**13. Disposal considerations**

**Waste code No.**

07 02 04\*

**Name of waste**

other organic solvents, washing liquids and mother liquors

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.  
Product rests: send for disposal, e.g. special waste incineration.

**Recommendations for packaging**

Empty containers can be deposited after cleaning in accordance with the local waste regulations.

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**14. Transport information**

**Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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**15. Regulatory information**

**VOC standard**

**VOC content**

0 %

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**16. Other information**

**Recommend uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

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.

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

R 21 Harmful in contact with skin.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 36/38 Irritating to eyes and skin.

R 43 May cause sensitisation by skin contact.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.