



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

### Product identifier

#### Name of product

Plastic-Metal UW Resin (GB)  
Code-Nr. 104401

#### 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

#### Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

**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.

36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

46

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

**Hazardous ingredients for labeling**

1,6-bis(2,3-epoxypropoxy)hexane, reaction product: bisphenol-A-(epichlorhydrin) 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.

**3. Composition/information on ingredients****Description**

Epoxy resin compound containing mineral fillers.

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
16096-31-4	240-260-4	1,6-bis(2,3-epoxypropoxy)hexane	1 - 10	Xi R36/38; R43; R52/53
28064-14-4	polymer	Reaction Product of Phenol- Formaldehyde Novolac and Epichlorhydrin	1 - 10	XI R36/38; R43; N R51/53
25068-38-6	500-033-5	reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight $\leq$ 700)	30 - 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.

Seek medical treatment immediately.

**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 with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

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.

Carbon monoxide (CO)

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



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**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

**Additional information**

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**

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**

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

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**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.

Open and handle container with care!

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

**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**

Store container at cool and aired place.

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**8. Exposure controls/personal protection**

**Additional advice on system design**

Sufficient ventilation and exhaustion.

**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]: 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**

Light protective clothing.

Safety shoes.

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**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> black	<b>Odour</b> perceptible
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**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>Flash point</b>	> 100 °C				
<b>Density</b>	1,7 g/cm <sup>3</sup>				
<b>Solubility in water</b>					insoluble

**10. Stability and reactivity**

**Materials to avoid**

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

**Hazardous decomposition products**

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

**11. Toxicological information**

**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		

**Additional information**

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

**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

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

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

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### 14. Transport information

#### Land and inland navigation transport ADR/RID

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A-Epoxy Harz), 9, III, (E), Classification code: M7

#### Marine transport IMDG

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A-Epoxy Resin), 9, III, Marine Pollutant

#### Air transport ICAO/IATA-DGR

UN 3077 Environmentally hazardous substance, solid, n.o.s. (Bisphenol-A-Epoxy Resin), 9, III

#### Transport/further information

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

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### 15. Regulatory information

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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 36/38 Irritating to eyes and 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.

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