



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

### Product identifier

#### Name of product

Plastic-Metal Ceramic W Resin (GB)  
Code-Nr. 104601

#### 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.

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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.

37

Wear suitable gloves.

46

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

61

Avoid release to the environment. Refer to special instructions/safety data sheets.



**Hazardous ingredients for labeling**

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 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**

Resin for a two-component epoxy adhesive

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
28064-14-4	polymer	Reaction Product of Phenol-Formaldehyde Novolac and Epichlorohydrin	< 1	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)	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.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

Do not use solvents or thinners.

In case of contact with skin wash off with soap and water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with water.

Call for a doctor immediately.

**In case of ingestion**

Do not induce vomiting.

Call for a doctor immediately.

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

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.

In the event of fire the following can be released:

Nitrogen oxides (NOx)

Carbon monoxide (CO)

Carbon dioxide (CO2)



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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**

Ensure adequate ventilation.

Use personal protective clothing.

**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.

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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.

**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.

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**8. Exposure controls/personal protection**

**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation.

**Hand protection**

When using chemical substances protective gloves against chemicals must be worn with the CE-label including the four control digits.

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 aerosols

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**Hygiene measures**

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

**9. Physical and chemical properties****Form**

pasty

**Colour**

white

**Odour**

characteristic

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>Flash point</b>	> 100 °C				
<b>Density</b>	1,65 g/cm <sup>3</sup>	20 °C			
<b>Solubility in water</b>					insoluble

**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 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			
<b>Irritability eye</b>	irritant			
<b>Skin sensitization</b>	sensitizing			

**Experiences made from practice**

Sensitization through skin contact possible.



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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

### 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.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

### Recommendations for packaging

Uncontaminated packaging may be treated as household waste.  
Packaging that cannot be cleaned should be disposed of like the product.

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## 14. Transport information

### Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( Epoxy Harz), 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)

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## 15. Regulatory information

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## 16. Other information

### Recommendend 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.