



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

Product identifier

Name of product

Plastic-Metal WR 2 Resin (GB)
Code-Nr. 103501

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

28

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

36/37/39

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

61

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



Hazardous ingredients for labeling

Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht < 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

Formulated Bisphenol-A-Epoxy Resin.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
14807-96-6	238-877-9	talcum (Mg3H2(SiO3)4)	25 - 40	-
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	35 - 47	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 rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Give activated charcoal.

Do not induce vomiting.

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

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.

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO2)

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.
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 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.
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.

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

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

8. Exposure controls/personal protection

Additional advice on system design

Sufficient ventilation and exhaustion.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
14807-96-6	Talc respirable dust	8 hours	1		EH40/2005

Respiratory protection

If ventilation insufficient, wear respiratory protection.
Short-term: filter apparatus, filter AX, otherwise environment-independent breathing apparatus.

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
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



protective overalls

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.
Remove soaked clothing immediately.

9. Physical and chemical properties

Form	Colour	Odour
pasty	black	hardly noticeable

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	> 200 °C				
decomposition point	> 200 °C				
Flash point	> 200 °C			DIN 51758	Pensky-Martens Closed Cup
Vapour pressure	< 0,01 Pa	20 °C		DIN 51757	
Density	2 g/cm ³	25 °C			
Solubility in water		20 °C			more or less 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.
risk of formation of toxic pyrolysis products

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

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



Additional information

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

12. Ecological information

Data on elimination (persistence and degradability)

Elimination rate	Method of analysis	Method	Validation
			not readily degradable

Biological degradability

General regulation

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.	Name of waste
07 02 08*	other still bottoms and reaction residues

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.
Incinerate in suitable incineration plant, but care for official regulations.

Recommendations for packaging

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

14. Transport information

Land and inland navigation transport ADR/RID

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

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN), 9, III, Marine
Pollutant

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, 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)

15. Regulatory information

VOC standard	
VOC content	0 %



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.

Listed in: EINECS (EEC) ; TSCA (USA);

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.