



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product Plastic-Metal C Resin (GB)
Code-Nr. 101001

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

2-Component Epoxy Resin - Resin Component

1.3. 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

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. 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.

2.2. Label elements

Labelling according to 1999/45/EC

Remarks for labelling

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

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.

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



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

1,4-bis(2,3-epoxypropoxy)butane, Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht < 700, bisphenol f epoxy resin

Special rules for supplemental label elements for certain mixtures

Contains epoxy constituents. See information supplied by the manufacturer.

2.3. Other hazards

Results of PBT and vPvB assessment

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

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Formulated Bisphenol-A-Epoxy Resin containing reactive thinner and inert fillers

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	20 - 40	Xi R36/38; R43; N R51-53
2425-79-8	219-371-7	1,4-bis(2,3-epoxypropoxy)butane	1 - 10	Xn R20/21; Xi R36/38; R43
9003-36-5	500-006-8	bisphenol f epoxy resin	10 - 20	Xi, R36/38, R43, N R51/53

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-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	20 - 40	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411
2425-79-8	219-371-7	1,4-bis(2,3-epoxypropoxy)butane	1 - 10	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317
9003-36-5	500-006-8	bisphenol f epoxy resin	10 - 20	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411

REACH

CAS No	Name	REACH registration number
25068-38-6	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	01-2119456619-26-xxxx
2425-79-8	1,4-bis(2,3-epoxypropoxy)butane	01-2119494060-45-xxxx

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If threatening unconsciousness, position and transport in recovery position
In case of breathing difficulties give oxygen.

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.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed
Treatment (Advice to doctor)**

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Carbon dioxide
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Dense, black smoke.
Fire gas of organic material has to be classed invariably as respiratory poison.
Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Burns down under strong soot production.
Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

No information available.



SECTION 7: Handling and storage

7.1. Precautions for safe handling

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!

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.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage temperature between 2°C to 40°C
Recommended storage temperature: room temperature.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.
Breathing apparatus in the event of aerosol or mist formation.

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
protective shield

Skin protection

Light protective clothing.
Safety shoes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

liquid

Colour

grey

Odour

hardly noticeable

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
boiling point	> 200 °C				
Flash point	121 °C			DIN 51758	Pensky-Martens Closed Cup
Vapour pressure	< 0,2 Pa	20 °C			
Relative density	1,74 g/cm ³	25 °C			
Solubility in water		20 °C			insoluble
Viscosity dynamic	70 - 90 Pa*s	25 °C			

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials**Materials to avoid**

Reactions with strong acids and alkalis.

Reactions with strong oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

risk of formation of toxic pyrolysis products

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat		
Irritability skin	irritant	rabbit		
Irritability eye	irritant	rabbit eye		
Skin sensitization	sensitizing	Guinea pig		

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).



SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

General regulation

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

07 02 08*

Name of waste

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.

Recommendations for packaging

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

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOLA EPOXY Harz Mischung), 9, III, (E),
Classification code: M6

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOLA EPOXY RESIN MIXTURE), 9, III
MARINE POLLUTANT: Yes

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (BISPHENOLA EPOXY RESIN MIXTURE), 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



SECTION 15: Regulatory information

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

VOC standard

Remark

Daten separat anfragen / Request data separately.

15.2. 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

Recommended 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 20/21 Harmful by inhalation and in contact with skin.

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.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H411 Toxic to aquatic life with long lasting effects.