



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

Product identifier

Name of product Plastic-Metal HB 300 Resin (GB)
Code-Nr. 104501

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

Xn; R21
Xi; R36/38
R43
N; R51/53

R-phrases

21 Harmful in contact with skin.
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.

Xn Harmful
N Dangerous for the environment

R-phrases

21 Harmful in contact with skin.
36/38 Irritating to eyes and skin.
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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.



36/37	Wear suitable protective clothing and gloves.
46	If swallowed, seek medical advice immediately and show this container or label.
51	Use only in well-ventilated areas.
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazardous ingredients for labeling

bisphenol A-(epichlorhydrin)(number average molecular weight 700), bisphenol f epoxy resin, methyl toluenesulphonate

Special rules for supplemental label elements for certain mixtures

Contains epoxy constituents. See information supplied by the manufacturer.

3. Composition/information on ingredients

Description

Bisphenol-A/F-epoxy resin containing fillers.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
28804-47-9	249-237-3	methyl toluenesulphonate	2,5-10	T R24; Xn R22; Xi R 36/38; R43
9003-36-5	500-006-8	bisphenol f epoxy resin	10-25	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)	10 - 25	Xi R36/38; R43; N R51-53

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

Keep warm.

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 plenty of water and seek medical advice.

In case of ingestion

In case of unconsciousness, do not administer medicine through the mouth.

Call for a doctor immediately.

Treatment (Advice to doctor)

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

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

water mist

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.



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

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Use personal protective clothing.

Environmental precautions

Inform pollution control authorities if product gets into the sewerage systems or open waters.

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

Do not discharge into the subsoil/soil.

Methods for cleaning up

Clean with cleaning agents that do not contain solvents.

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.

Advice on protection against fire and explosion

Avoid effect of heat.

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with acids or alkalis.

Do not store together with animal feedstuffs.

Do not store together with food.

Do not store together with oxidizing agents.

Further information on storage conditions

Protect from direct solar radiation.

Keep container in a well-ventilated place

Store in a dry place.

Protect from heat/overheating.

8. Exposure controls/personal protection

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.

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]: fluorinated rubber; 0,7mm; 480min; 60min;



Eye protection
tightly fitting goggles

Skin protection
protective clothing

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 soiled or soaked clothing immediately.
Wash hands before breaks and after work.

9. Physical and chemical properties

Form highly viscous	Colour grey	Odour characteristic
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	200 °C				
Density	2,1 g/cm ³	20 °C			
Solubility in water					insoluble
Viscosity dynamic	22000-24000 mPa*s	20 °C			

10. Stability and reactivity

Materials to avoid
Reactions with strong oxidising agents.

Hazardous decomposition products
Smoke.
Carbon monoxide and carbon dioxide.
Nitrous oxides (NO_x)

11. Toxicological information

Experiences made from practice
Sensitization through skin contact possible.
Irritates mucous membranes.
Irritates eyes and skin.



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.

13. Disposal considerations

Recommendations for the product

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

Recommendations for packaging

Untampered packaging may be taken for recycling.
Untampered packaging may be treated as household waste.
Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land and inland navigation transport ADR/RID

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol f epoxy resin), 9, III, (E), Classification code: M6

Marine transport IMDG

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol f epoxy resin), 9, III, MARINE POLLUTANT

Air transport ICAO/IATA-DGR

UN 3082 Environmentally hazardous substance, liquid, n.o.s. (bisphenol f epoxy resin), 9, III

Transport/further information

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

15. Regulatory information

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 22 Harmful if swallowed.

R 24 Toxic 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.