



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

1.1. Product identifier

Name of product Plastic-Metal F Resin (GB)
Code-Nr. 101501

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/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.

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.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
7429-90-5	231-072-3	aluminium powder (stabilised)	60 - 70	F R11-15
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	20 - 32	Xi R36/38; R43; N R51-53

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
7429-90-5	231-072-3	aluminium powder (stabilised)	60 - 70	Water-react. 2, H261 / Flam. Sol. 1, H228
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	20 - 32	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

SECTION 4: First aid measures

4.1. Description of 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.



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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Carbon dioxide

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)
Under certain fire conditions traces of other toxic substances cannot be excluded.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Use breathing apparatus with independent air supply (isolated).

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.
Use breathing apparatus if exposed to vapours/dust/aerosol.

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.
Remove soaked clothing immediately.



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.

Further information on storage conditions

Keep container tightly closed, open and handle carefully.
Storage temperature between 2°C to 40°C

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.
Short term: filter apparatus, Filter A/P2

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

pasty

Colour

grey

Odour

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	
Relative density	2,1 g/cm ³	25 °C			
Solubility in water		20 °C			insoluble

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 alkalies.

Reactions with strong oxidising agents.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Toxic gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

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

Other hazardous properties may not be excluded.

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

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				not readily degradable

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.	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.

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. (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: Yes

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)

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.

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.

Listed in: EINECS; TSCA; DSL; AICS; KECI (KR); ENCS (JP).

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 11 Highly flammable.
R 15 Contact with water liberates extremely flammable gases.
R 36/38 Irritating to eyes and skin.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 17.05.2013

revision 06.05.2013 (GB) Version 8.0

Plastic-Metal F Resin (GB)

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.

H228 Flammable solid.
H261 In contact with water releases flammable gas.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.