



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

### Product identifier

**Name of product** Plastic-Metal F2 Resin (GB)  
Code-Nr. 102001

### 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
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

**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

**Extinguishing media which must not be used for safety reasons**

Full water jet

**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 (CO<sub>2</sub>)

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

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Use breathing apparatus with independent air supply ( isolated ).



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**Additional information**

Burns down under strong soot production.

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

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**6. Accidental release measures**

**Personal precautions**

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

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

**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.

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, open and handle carefully.

Storage temperature between 2°C to 40°C

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**8. Exposure controls/personal protection**

**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

**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.



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

### Plastic-Metal F2 Resin (GB)

Remove soaked clothing immediately.

## 9. Physical and chemical properties

<b>Form</b> pasty	<b>Colour</b> grey	<b>Odour</b> hardly noticeable
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### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>boiling point</b>	> 200 °C				
<b>decomposition point</b>	> 200 °C				
<b>Flash point</b>	> 200 °C			DIN 51758	Pensky-Martens Closed Cup
<b>Vapour pressure</b>	< 0,01 Pa	20 °C		DIN 51757	
<b>Density</b>	2,1 g/cm <sup>3</sup>	25 °C			
<b>Solubility in water</b>		20 °C			insoluble

## 10. Stability and reactivity

### Materials to avoid

Reactions with strong acids and alkalies.  
Reactions with strong oxidising agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.  
Toxic gases/vapours

## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat		
<b>Irritability skin</b>	irritant	rabbit		
<b>Irritability eye</b>	irritant	rabbit eye		
<b>Skin sensitization</b>	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
<b>Biological degradability</b>			not readily degradable

### 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.

### 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

### 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.

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.



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R 15 Contact with water liberates extremely flammable gases.

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.