



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Epoxy Metal

01. Identification of the substance/preparation and of the company/undertaking

Product name

Epoxy Metal

Use of the substance / preparation

adheive

Manufacturer/Supplier

SCT-Vertriebs GmbH

Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

02. Composition/information on ingredients

Chemical content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	
Bisphenol-A-(Epichlorohydrin) Epoxy Resin			
60-100	Xi/N	43,36/38,51/53	500-033-5

The Full Text for all R-Phrases are Displayed in Section 16

03. Hazard identification

Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION

Xi;R36/38. R43. N;R51/53.

04. First-aid measures

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. To hospital or eye specialist.

05. Fire-fighting measures

Extinguishing Media

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO₂). DO

NOT USE full water jet

Special fire fighting procedures

Wear suitable protective clothing. Use pressurised air mask if product is involved in a fire.

Specific hazards

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Phenol

Epoxy Metal

06. Accidental release measures

UNI BOND REPAIR PLASTIC POWER EPOXY ADHESIVE - RESIN (PART A)

Personal precautions

Use protective gloves, goggles and suitable protective clothing. Avoid contact with skin and eyes. Keep away unprotected personnel

Environmental precautions

Do not allow to enter drainage system, surface or ground water.

Spill clean up methods

Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste.

07. Handling and storage

Usage precautions

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Persons susceptible for allergic reactions should not handle this product.

Storage precautions

Store in tightly closed original container in a cool, dry well-ventilated place. Do not store near heat sources or expose to high temperatures. Store in closed original container at temperatures between 5°C and 30°C. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

Storage class

Chemical storage.

08. Exposure controls/personal protection

Protective equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use protective gloves made of: Rubber (natural, latex). Polyvinyl chloride (PVC).

Eye protection

Wear approved safety goggles.

Other protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

09. Physical and chemical properties

APPEARANCE	Viscous Liquid		
COLOUR	Colourless Translucent.		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY 1.2 @ 23 °c	VISCOSITY (Brookfield)	25 Pas @ 23 °c	
FLASH POINT (°C) >100			



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Epoxy Metal

10. Stability and reactivity

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong oxidising substances. Reacts with: Strong acids. Strong alkalies. Alcohols, glycols. Amines.

Mercaptans (thiols). Lewis acids

HAZARDOUS DECOMPOSITION PRODUCTS

High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO). Phenol

11. Toxicological information

INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact.

EYE CONTACT

Irritation of eyes and mucous membranes.

HEALTH WARNINGS

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

12. Ecological information

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

Dangerous for the environment if discharged into watercourses.

LC 50, 96 Hrs, FISH mg/l 1 <LC50<10

BIOACCUMULATION

The product contains potentially bioaccumulating substances.

DEGRADABILITY

Not readily biodegradable

13. Disposal considerations

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. After curing with Hardener (Part B): Can be added to household waste in small quantities.

14. Transport information

GENERAL

PROPER SHIPPING NAME

Supplied in limited quantity packages

Environmentally Hazardous Substance, Liquid, N.O.S. (contains epoxy resin)

UN NO. ROAD

3082

ADR CLASS

Class 9: Miscellaneous dangerous substances and articles.

ADR PACK GROUP

III

RID CLASS NO.

9

RID PACK GROUP

III

UN NO. SEA

3082

IMDG CLASS

9

IMDG PACK GR.

III

EMS

-

UN NO. AIR

3082

AIR CLASS

9

AIR PACK GR.

III

Epoxy Metal

15. Regulatory information

LABELLING



Irritant



Dangerous for the environment

CONTAINS REACTION PRODUCT: BISPHENOL-A-(EPICHLOROHYDRIN) EPOXY RESIN (number average molecular weight ≤ 700)

RISK PHRASES

- R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

- S2 Keep out of the reach of children
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
P5 Contains epoxy constituents. See information supplied by the manufacturer.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. Other information

INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers.

ISSUED BY

Technical Services Department, Winsford, Cheshire

REVISION DATE 03-10-2006

RISK PHRASES IN FULL

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