

Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

(see instructions in Annex to 93/112/EC)

Date of printing: 07.05.2001

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Revised: 04.02.2000

SDS No.: 060-00030295.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikafloor®-381 Part A

Manufacturer/supplier information

Manufacturer/supplier:

Sika Chemie GmbH

Street/postbox:

Kornwestheimer Str. 103-107

Town/City and Post Code:

Stuttgart

Country:

Germany

Phone:

+4971180090

Telefax:

+497118009321

Emergency information phone:

Nur ausserhalb der Geschäftszeit 0172-7169508

2. Composition/information on ingredients

Chemical characterization

Filled and modified epoxi-resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

· Epoxy resin (mw < 700), novolac

28064-14-4 25 - 50 % Xi,N 36/38,43,51/53

· reaction product: bisphenol A-(epichlorhydrin)

epoxy resin (number average molecular weight <= 700)

9003-36-5 2.5 - 10 % Xi,N 36/38,43,51/53

· 1,1,1-tris(hydroxymethyl)propane triglycidyl ether

30499-70-8 2.5 - 10 % Xi 36/38,43

· Benzyl alcohol

100-51-6 2.5 - 10 % Xn 20/22

3. Hazards identification

Hazards identification

Xi

Irritant

Information on hazards to man and to the environment

36/38

Irritating to eyes and skin.

43

May cause sensitization by skin contact.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

Ensure supply of fresh air.

4. First-aid measures (continued)

Take medical treatment.

After skin contact

Remove soiled or soaked clothing immediately, do not allow to dry.

In case of contact with skin wash off immediately with soap and water

Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

Summon a doctor immediately.

After ingestion

Do not induce vomiting.

Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

foam

dry powder

carbon dioxide

water mist

Unsuitable extinguishing media for safety reasons

Full water jet

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbondioxide (CO₂)

Special protective equipment for fire-fighting

Use breathing apparatus.

Additional information

Cool containers with water spray jet.

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

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

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

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6. Accidental release measures (continued)

Environmental precautions

In case of entry into waterways, soil or drains,
inform the responsible authorities.

Procedures for cleaning up

Pick up with absorbent material.

When picked up, treat material as prescribed under heading "Disposal".

Remove residues with small amount of alcohol-based solvent.

7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Keep away from sources of ignition - no smoking.

Storage

Requirements for storage rooms and containers

Keep container tightly closed in a cool, well-ventilated place

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from heat and direct sunlight

8. Exposure controls/personal protection

Personal protective equipment

General protective and hygiene measures

Do not inhale vapours

Avoid contact with eyes and skin

Take care for sufficient ventilation or exhaust on the workshop place.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Use barrier skin cream.

Remove soiled or soaked clothing immediately.

Respiratory protection

In case of insufficient ventilation.

Ori-nasal mask suitable for organic vapours.

Class of vapour filter is depending on

pollutant concentration on the scene.

Hand protection

Nitrile rubber gloves

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8. Exposure controls/personal protection (continued)

Eye protection
Tightly fitting safety glasses

Body protection
protective clothing

9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: various
Odour: characteristic

Data relevant to safety

	Method
Flash point	115 °C
Density at 20°C	approx. 1.69 g/cm ³
Solubility in water	immiscible
Viscosity at 20°C	8600 9300 mPas

10. Stability and reactivity

Conditions to avoid

Not any known.

Materials to avoid/dangerous reactions

Hazardous reactions possible with:

Amines
Phenols
Acids
Alkalis

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information

Sensitization

When skin contact:

Sensitization/allergic reaction possible.

Allergic reaction can may be observeed in sensitive persons, even on very low concentrations.

Experience on humans

When skin contact:

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11. Toxicological information (continued)

Irritation.

When eyes contact:

Irritation.

When inhalation:

Irritation.

When swallowed:

Small amount may cause considerable health disorders.

Further toxicological information

For more-component products see also the safety-data-sheets of the other components.

12. Ecological information

Additional information

Product is water polluting.

Do not allow to enter waste water drain, waterways or soil.

From current information concerning hazardous substances, environmental effects cannot be claimed at this time.

13. Disposal considerations

Product

Recommendations

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

See chapter 15, national regulations.

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste

14. Transport information

ADR/RID

UN No.: 3082 Class: 9 Cipher: 11c) Packing group: III

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s.

contains: Epoxi resin

Label No.: 9

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14. Transport information (continued)

IMO/IMDG

Further information
No dangerous goods.

IATA/ICAO

Further information
No dangerous goods.

15. Regulatory information

Labelling according to 88/379/EEC

The product is classified and labelled in accordance with
EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: Epoxy resin (mw < 700), novolac
reaction product: bisphenol A-(epichlorhydrin)
epoxy resin (number average molecular weight <= 700)
1,1,1-tris(hydroxymethyl)propane triglycidyl ether

Danger symbols

Xi Irritant

R phrases

36/38 Irritating to eyes and skin.
43 May cause sensitization by skin contact.

S phrases

26 In case of contact with eyes, rinse immediately with
plenty of water and seek medical advice.
51 Use only in well-ventilated areas.

Special labelling for certain preparations (Annex III to 88/379/EEC)

Contains epoxy-containing compounds.
Observe manufacturer's instructions.

National regulations

UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory
Provisions.

SI 1993/1746: Chemicals (Hazard Information and Packaging)
Regulations, 1993.

SI 1988/1657: The Control of Substances Hazardous to Health
Regulations.

SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

SI No. 972/1996: The Special Waste Regulations 1996

UK Guidance Publications

Approved Code of Practice - Management of Health and Safety
at Work, HSE.

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15. Regulatory information (continued)

General Approved Code of Practice to COSHH Regulations, HSE.

16. Other information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.