

Safety Data Sheet

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

Date of printing: 06.12.2002

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Revised: 04.11.2002

SDS No.: 030-00202685.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikadur®-52 New Part A

Manufacturer/supplier information

Manufacturer/supplier:

SIKA SCHWEIZ AG

Street/postbox:

Tüffenwies 16

Town/City and Post Code:

Zürich

Country:

Switzerland

Phone:

+4114364040

Telefax:

+4114364719

Emergency information phone:

079 309 06 29 Out of office hours only

* 2. Composition/information on ingredients

Chemical characterization

Modified epoxi resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

- reaction product: bisphenol A-(epichlorhydrin)
epoxy resin (number average molecular weight \leq 700)
25068-38-6 50 - 100 % Xi,N 36/38,43,51/53
500-033-5
- reaction product: bisphenol F-(epichlorhydrin)
epoxy resin (number average molecular weight \leq 700)
9003-36-5 2.5 - 10 % Xi,N 36/38,43,51/53
500-006-8
- 1,6-bis(2,3-epoxpropoxy)hexane
16096-31-4 25 - 50 % Xi 36/38,43,52/53
240-260-4

3. Hazards identification

Hazards identification

Xi

Irritant

N

Dangerous to environment

Information on hazards to man and to the environment

36/38

Irritating to eyes and skin.

43

May cause sensitization by skin contact.

51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

*** 4. First-aid measures**

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In the event of symptoms take medical treatment.

After skin contact

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

compatible with all usual extinguishing media

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)

Nitrogen oxides (NO_x)

Additional information

Fire residues and contaminated firefighting medium 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

Ensure adequate ventilation.

Use personal protective clothing.

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

Environmental precautions

Do not allow to enter drains or waterways

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

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* 6. Accidental release measures (continued)

Procedures for cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

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

* 7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Not applicable.

Storage

Requirements for storage rooms and containers

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

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from frost.

Protect from heat and direct sunlight

Protect from atmospheric moisture and water

* 8. Exposure controls/personal protection

Personal protective equipment

General protective and hygiene measures

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

Avoid contact with eyes and skin

Use barrier skin cream.

Remove soiled or soaked clothing immediately.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory protection

Not applicable.

Hand protection

Butyl rubber/nitrile rubber gloves

Eye protection

Tightly fitting safety glasses

Body protection

Working clothes

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9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: colourless
Odour: characteristic

Data relevant to safety

Flash point not applicable

Method

Density at 23°C 1.14 g/cm³

Solubility in water at 20°C insoluble

pH value at 20°C 6.8

Viscosity at 20°C 850 mPas

* 10. Stability and reactivity

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

* 11. Toxicological information

Sensitization

Sensitization/allergic reaction possible.

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

Experience on humans

When skin contact:

Irritation.

When eyes contact:

Irritation.

When inhalation:

Irritation.

When swallowed:

Small amount may cause considerable health disorders.

* 12. Ecological information

Additional information

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

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* 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.

Gemäß der gültigen Abfallverzeichnis-Verordnung sind Abfälle herkunftsbezogen der Abfallart zuzuordnen. Deshalb ist eine eindeutige Festlegung einer Abfallschlüsselnummer nicht möglich.

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: Epoxide resin

Label No.: 9

IMO/IMDG

UN No.: 3082 Class: 9 Packing group: III

Proper shipping name

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

contains: Epoxide resin

Label No.: 9

IATA/ICAO

Further information

No dangerous goods.

15. Regulatory information

Labelling according to EEC Directive

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

Relevant hazardous ingredients for labelling

Contains: reaction product: bisphenol A-(epichlorhydrin)
epoxy resin (number average molecular weight <= 700)
reaction product: bisphenol F-(epichlorhydrin)
epoxy resin (number average molecular weight <= 700)
1,6-bis(2,3-epoxpropoxy)hexane

Danger symbols

Xi Irritant

N Dangerous to environment

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15. Regulatory information (continued)

R phrases

36/38 Irritating to eyes and skin.
43 May cause sensitization by skin contact.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

24 Avoid contact with skin.
37 Wear suitable gloves.

Special labelling for certain preparations

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

National regulations

Toxicity class 4 SFOPH T No.: 615084
Water hazardous class (WGK)
WGK 2

Brandklasse (CH)

3

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE
(BASIS EPOXY RESIN).

*** 16. Other information**

asterisk (*) on left margin marks modification of previous version

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.