

Safety Data Sheet

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

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

Date of printing: 04.05.2001

Page: 1/7

Revised: 12.08.1996

SDS No.: 060-00003641.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikafloor®-381/381 AS Part B

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

Modified polyamine

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

- | | | | | |
|---|------------|------------|-----|-------------------|
| · 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | 25 - 50 % | C | 21/22,34,43,52/53 |
| · M-phenylebis(methylamine) | 1477-55-0 | 25 - 50 % | C | 20/22,34 |
| · Benzyl alcohol | 100-51-6 | 25 - 50 % | Xn | 20/22 |
| · 2,4,6-tris(dimethylaminomethyl)phenol | 90-72-2 | 1 - 2.5 % | Xn | 22,36/38 |
| · Trimethylhexane-1,6-diamine | 25620-58-0 | 1 - 2.5 % | C | 52/53,22,34,43 |
| · Trimethylhexamethylenediamine-1,6 cyanethylated | | 2.5 - 10 % | C | 22,34,43 |
| · Nonylphenol | 25154-52-3 | 2.5 - 10 % | C,N | 50/53,22,34 |

3. Hazards identification

Hazards identification

C

Corrosive

Information on hazards to man and to the environment

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

34 Causes burns.

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

Remove the casualty into fresh air and keep calm.

Summon a doctor immediately.

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

Summon a doctor immediately.

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

water spray jet

foam

dry powder

carbon dioxide

Unsuitable extinguishing media for safety reasons

Full water jet

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

Carbon monoxide (CO)

Carbondioxide (CO₂)

Nitrogen oxides (NO_x)

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

- Remove persons to safety.
- Ensure adequate ventilation.
- Use personal protective clothing.
- Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

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

Procedures for cleaning up

- Pick up with absorbent material.
- Remove residues with small amount of alcohol-based solvent.
- 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
- 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.

Product name: **Sikafloor®-381/381 AS Part B**

Date of printing: 04.05.2001

Page: 4/7

Revised: 12.08.1996

SDS No.: 060-00003641.0000

8. Exposure controls/personal protection (continued)

Class of vapour filter is depending on pollutant concentration on the scene.

Hand protection

Plastic gloves

Eye protection

Tightly fitting safety glasses

Body protection

protective clothing

9. Physical and chemical properties

Appearance

Physical state: liquid

Colour: yellowish

Odour: amine-like

Data relevant to safety

Method

Flash point > 101 °C

Vapour pressure at 20°C not determined

Density at 20°C 0.99 g/cm³

Solubility in water miscible

Viscosity at 20°C 12 14 s 4mm/DIN 53211

10. Stability and reactivity

Conditions to avoid

Not any known.

Materials to avoid/dangerous reactions

Hazardous reactions possible with:

Acids

Oxidizers

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information

Sensitization

When skin contact:

Sensitization/allergic reaction possible.

Product name: **Sikafloor®-381/381 AS Part B**

Date of printing: 04.05.2001

Page: 5/7

Revised: 12.08.1996

SDS No.: 060-00003641.0000

11. Toxicological information (continued)

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

Experience on humans

When skin contact:

Causes burns.

When eyes contact:

Causes burns.

May cause irreversible damage to eyes.

When inhalation:

Irritation.

When swallowed:

Causes burns.

Smallest amount may cause considerable health disorders.

12. Ecological information

Additional information

Product is water polluting.

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

Due to the high pH, aquatic organisms may be harmed.

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.: 1760 Class: 8 Cipher: 66c) Packing group: III

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine

Label No.: 8

Product name: **Sikafloor®-381/381 AS Part B**

Date of printing: 04.05.2001

Page: 6/7

Revised: 12.08.1996

SDS No.: 060-00003641.0000

14. Transport information (continued)

IMO/IMDG

UN No.: 1760 Class: 8 Page: 8147 Packing group: III

EmS: 8-15 MFAG: 760

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine

Label No.: 8

IATA/ICAO

UN No.: 1760 Class: 8 Packing group: III

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine

Label No.: 8

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: 3-aminomethyl-3,5,5-trimethylcyclohexylamine

M-phenylebis(methylamine)

Benzyl alcohol

Trimethylhexane-1,6-diamine

Danger symbols

C Corrosive

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

34 Causes burns.

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.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

51 Use only in well-ventilated areas.

28.2 After contact with skin, wash immediately with water and soap.

Product name: **Sikafloor®-381/381 AS Part B**

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Page: 7/7

Revised: 12.08.1996

SDS No.: 060-00003641.0000

15. Regulatory information (continued)

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.

General Approved Code of Practice to COSHH Regulations, HSE.

HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.

HS (G) 37, An Introduction to Local Exhaust Ventilation, 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.