

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: 31.07.2000

SDS No.: 020-00034358.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikaflex[®] Pro-3 WF

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, reactive PUR-polymers

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

- | | | | |
|---|-----------|-----|----------------------------|
| · 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate | | | |
| 4098-71-9 | 0.1 - 1 % | T,N | 23,36/37/38,42/43
51/53 |
| · xylene | | | |
| 1330-20-7 | 1 - 2.5 % | Xn | 10,20/21,38 |
| · N,N-dibenzyliden polyoxypropylene diamine | | | |
| | 1 - 2.5 % | C | 34 |

3. Hazards identification

See chapter 11 and 12

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

Ensure supply of fresh air.

In the event of symptoms take medical treatment.

After skin contact

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

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

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4. First-aid measures (continued)

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

alcohol-resistant foam

dry powder

carbon dioxide

water spray jet

Unsuitable extinguishing media for safety reasons

Not applicable.

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

In the event of fire the following can be released:

Isocyanates

Carbon monoxide (CO)

Carbondioxide (CO₂)

Nitrogen oxides (NO_x)

Hydrogen chloride (HCl)

Possible in traces:

Hydrogen cyanide (HCN)

Special protective equipment for fire-fighting

Use breathing apparatus.

Additional information

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

Cool containers with water spray jet.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

Environmental precautions

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 mechanically

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.

Provide good ventilation of working area (local exhaust ventilation if necessary).

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 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 heat and direct sunlight

Protect from atmospheric moisture and water

8. Exposure controls/personal protection

Substances having workplace related exposure values/limits which may require monitoring for assessment purposes

Designation of substance

CAS No.	Type		Ref./Country/Year
· 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate			
4098-71-9	MEL	0.02 mg/m3	HSE/EH40/UK
· xylene			
1330-20-7	OES	441 mg/m3	HSE/EH40/UK
1330-20-7	OES	100 ml/m3	HSE/EH40/UK

Personal protective equipment

General protective and hygiene measures

Do not inhale vapours

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Remove soiled or soaked clothing immediately.

Use barrier skin cream.

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

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8. Exposure controls/personal protection (continued)

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
Rubber gloves

Eye protection
Safety glasses

Body protection
Working clothes

9. Physical and chemical properties

Appearance

Physical state: Pasty
Colour: Various, depending on coloration
Odour: characteristic

Data relevant to safety	Method
Flash point	> 65 °C
Density at 20°C	approx. 1.2 g/cm ³
Solubility in water	Reacts with water
Viscosity at 20°C	approx. 80000 mPas

10. Stability and reactivity

Conditions to avoid

Formation of explosive gas/air mixtures.

Materials to avoid/dangerous reactions

Hazardous reactions possible with:
Amines
Alcohols

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

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11. Toxicological information

Sensitization

Allergic reactions can be observed by sensitive persons.

The same is also valid below the fixed exposure limits.

Asthmatics and persons with sensitive respiratory tract should avoid all contacts with this product.

Experience on humans

When skin contact:

May cause irritation.

When eyes contact:

Irritation.

When inhalation:

May cause irritation.

Vapours have a narcotic effect. Reaction-time and sense of coordination may be affected.

When swallowed:

May cause health disorders.

12. Ecological information

Additional information

Product is slightly water polluting.

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

Once cured, the product will unlikely have any adverse effect on the environment.

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.

Hydrogen halides must be removed by flue gas scrubbing

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

Further information

No dangerous goods.

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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.

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

UK Guidance Publications

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

General Approved Code of Practice to COSHH Regulations, HSE.
EH40, Occupational Exposure Limits, HSE. Revised Annually.

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 ex-
cluded. Our most current General Sales Conditions shall apply. Please
consult the Technical Data Sheet prior to any use and processing.