

Safety Data Sheet

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

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Page: 1/6

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SDS No.: 030-00029931.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikadur®-33 Part B

Recommended use: Chemical product for construction and industry

Manufacturer/supplier information

Manufacturer/supplier:

SIKA Schweiz AG

Street/postbox:

Tüffenwies 16

Town/City and Post Code:

Zürich

Country:

Switzerland

Phone:

+4114364040

Telefax:

+4114364584

General information:

Labor/Ökologie

Emergency information phone:

0043 1 4064343 (Giftinformationszentrale in Wien)

2. Composition/information on ingredients

Chemical characterization

Filled and modified polyamine

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EC No.

• fatty acids, reaction products with N-(2-aminoethyl)

piperazine

92062-17-4 2.5 - 10 % Xi,N 38,41,50/53

295-532-5

• Polyaminoimidazoline

1 - 2.5 % Xi

41

• 3,6,9-triazaundecamethylenediamine

112-57-2 0.1 - 1 % C,N

21/22,34,43,51/53

203-986-2

• Benzyl alcohol

100-51-6 2.5 - 10 % Xn

20/22

202-859-9

• 3-aminomethyl-3,5,5-trimethylcyclohexylamine

2855-13-2 2.5 - 10 % C

21/22,34,43,52/53

220-666-8

• 3,6-diazaoctanethylenediamin

112-24-3 2.5 - 10 % C

21,34,43,52/53

203-950-6

• 2,4,6-tris(dimethylaminomethyl)phenol

90-72-2 1 - 2.5 % Xn

22,36/38

202-013-9

3. Hazards identification

Hazards identification

Xi	Irritant
N	Dangerous for the environment

Information on hazards to man and to the environment

38	Irritating to skin.
41	Risk of serious damage to eyes.
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

Turn a vomiting person lying on his back onto his side.
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.

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

Product name: **Sikadur®-33 Part B**

Date of printing: 07.09.2005

Page: 4/6

Revised: 27.07.2005

SDS No.: 030-00029931.0000

8. Exposure controls/personal protection (continued)

Eye protection
Tightly fitting safety glasses

Body protection
Working clothes

9. Physical and chemical properties

Appearance

Physical state: Pasty
Colour: light grey
Odour: amine-like

Data relevant to safety

Flash point > 101 °C

Method

Vapour pressure (t undef) > 10 hPa

Density at 20°C 1.25 g/cm³

pH value at 20°C 11
(1g/100ml water)

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 may be observed in sensitive persons, even on very low concentrations.

Experience on humans

When skin contact:
Irritation.
When eyes contact:
Risk of serious damage to eyes.
When inhalation:
Irritation.
When swallowed:
Small amount may cause considerable health disorders.

Product name: **Sikadur®-33 Part B**

Date of printing: 07.09.2005

Page: 5/6

Revised: 27.07.2005

SDS No.: 030-00029931.0000

12. Ecological information

Additional information

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

13. Disposal considerations

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging containing remains of dangerous substances, as well as packagings disposed of remains can be unharmed eliminated in accordance with the regulations.

* 14. Transport information

ADR/RID

UN 3077 Class: 9 Packing group: III Class.code: M7

Proper shipping name

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

contains: AlkylC16/C18aminoamine, Polyethyleneamines

Label No.: 9

IMO/IMDG

UN 3077 Class: 9 Packing group: III

EmS: F-A, S-F

Marine pollutant: no

Proper shipping name

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

contains: AlkylC16/C18aminoamine, Polyethyleneamines

Label No.: 9

IATA/ICAO

UN 3077 Class: 9 Packing group: III

Proper shipping name

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

contains: AlkylC16/C18aminoamine, Polyethyleneamines

Label No.: 9

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: 3-aminomethyl-3,5,5-trimethylcyclohexylamine
3,6-diazaoctanethylenediamin

Danger symbols

Xi Irritant

N Dangerous for the environment

15. Regulatory information (continued)

R phrases

38	Irritating to skin.
41	Risk of serious damage to eyes.
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.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37/39	Wear suitable gloves and eye/face protection.

16. Other information

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

R-phrases of the ingredients listed in chapter 2

20/22	Harmful by inhalation and if swallowed.
21	Harmful in contact with skin.
21/22	Harmful in contact with skin and if swallowed.
22	Harmful if swallowed.
34	Causes burns.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
41	Risk of serious damage to eyes.
43	May cause sensitization by skin contact.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.