

# 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.: 033-00019169.0000

## 1. Identification of the substance/preparation and company

Product

Product name

**Sikadur®-52 New Part B**

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 polyamine

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

• Benzyl alcohol

100-51-6

25 - 50 % Xn

20/22

202-859-9

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

2855-13-2

10 - 25 % C

21/22,34,43,52/53

220-666-8

• 3,6-diazaoctanethylenediamin

112-24-3

10 - 25 % C

21,34,43,52/53

203-950-6

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

90-72-2

2.5 - 10 % Xn

22,36/38

202-013-9

• Solvent naphtha (petroleum), heavy arom., bp > 240°C

64742-94-5

10 - 25 % Xn,N

65,51/53,66

265-198-5

## 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.

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3. Hazards identification (continued)

52/53 Harmful 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 (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

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.

**\* 6. Accidental release measures (continued)**

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

In case of insufficient ventilation.  
Multi-purpose filter ABEK  
Class of vapour filter is depending on  
pollutant concentration on the scene.

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**\* 8. Exposure controls/personal protection (continued)**

Hand protection  
Butyl rubber/nitrile rubber gloves

Eye protection  
Tightly fitting safety glasses  
Face shield

Body protection  
protective clothing

**9. Physical and chemical properties**

Appearance

Physical state: liquid  
Colour: yellow-brown  
Odour: amine-like

Data relevant to safety		Method
Boiling point	> 190 °C	
Decomposition temperature	> 200 °C	
Flash point	107 °C	Grabner Miniflash FLP
Vapour pressure at 20°C	0.1 hPa	
Density at 20°C	1 g/cm <sup>3</sup>	
Solubility in water at 20°C	< 10 g/l	
pH value at 20°C (10g/100ml water)	11.6	
Viscosity at 20°C	60 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.

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**\* 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:

Causes burns.

When eyes contact:

Causes burns.

When inhalation:

Irritation.

When swallowed:

Causes burns.

**\* 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.

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

Proper shipping name

Corrosive liquid, n.o.s.

contains: Triethylenetetramine

Label No.: 8

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#### 14. Transport information (continued)

##### IMO/IMDG

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

EmS: 8-15

Proper shipping name

Corrosive liquid, n.o.s.

contains: Triethylenetetramine

Label No.: 8

##### IATA/ICAO

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

Proper shipping name

Corrosive liquid, n.o.s.

contains: Triethylenetetramine

Label No.: 8

#### 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: Benzyl alcohol  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
3,6-diazaoctanethylenediamin

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.

52/53 Harmful 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.

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).

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15. Regulatory information (continued)

National regulations

Toxicity law (CH)

Toxicity class 3                      SFOPH T No.: 617363

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

Abfallcode und Abfallbezeichnung (CH)

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

DISPOSE AS SPECIAL WASTE. UNCURED: HAVING AN ORGANIC PHASE.

CURED: WITHOUT A LIQUID PHASE.

**\* 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.