

Safety Data Sheet

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

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SDS No.: 011-00028614.0000

1. Identification of the substance/preparation and company

Product

Product name

SikaTop®-77 bonding emulsion

Manufacturer/supplier information

Manufacturer/supplier: SIKA Schweiz AG

Street/postbox: Tüffenwies 16

Town/City and Post Code: Zürich

Country: Switzerland

Phone: +4114364040

Telefax: +4114364584

Emergency information phone:

079 309 06 29 Out of office hours only

* 2. Composition/information on ingredients

Chemical characterization

Aqueous dispersion of styrene-acrylate

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

· Sodium fluoride				
7681-49-4	0.1 - 1 %	T		25,32,36/38
231-667-8				
· alkyl phenol ether sulfate				
	1 - 2.5 %	Xi,N		41,51/53
· alcohol ethoxylate				
	1 - 2.5 %	Xi		41
· Ethanediol				
107-21-1	2.5 - 10 %	Xn		22
203-473-3				

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

In the event of symptoms take medical treatment.

After skin contact

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

*** 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

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

Eye protection
Safety glasses

Body protection
Working clothes

9. Physical and chemical properties

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9. Physical and chemical properties (continued)

Appearance

Physical state: liquid
Colour: light blue
Odour: almost odourless

Data relevant to safety

Method

Boiling point	100 °C
Flash point	not applicable
Auto-ignition temperature	not applicable
Density at 20°C	1.02 g/cm ³
Solubility in water at 20°C	miscible
pH value at 20°C	7 8.5

*** 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**

Experience on humans

When skin contact:
May cause irritation.
When eyes contact:
May cause irritation.
When inhalation:
May cause irritation.
When swallowed:
May cause 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**

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.

IMO/IMDG

Further information

No dangerous goods.

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.

Special labelling for certain preparations

Contains: Triisobutyl-phosphate
May produce an allergic reaction.

*** 16. Other information**

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

R-phrases of the ingredients listed in chapter 2

22 Harmful if swallowed.

25 Toxic if swallowed.

32 Contact with acids liberates very toxic gas.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

51/53 Toxic 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.