

5. Fire-fighting measures

Suitable extinguishing media

- water spray
- dry powder
- alcohol-resistant foam
- carbon dioxide
- sand

Unsuitable extinguishing media for safety reasons

- Water jet.

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

- Hazardous decomposition products - acetic acid.

Special protective equipment for fire-fighting

- Self-contained breathing apparatus and protective clothing

Additional information

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

6. Accidental release measures

Personal precautions

- Suitable protective clothing (overalls), gloves (rubber or PVC), eye protection. Avoid contact with eyes and skin. Avoid inhaling mists and vapours

Environmental precautions

- Do not allow into sewers, waterways, drains or soil.
- Dam up any spills with earth or other suitable material.

Procedures for cleaning up

- Wipe up using cloth containing Sika Colma Cleaner or absorb into sand or other inert absorbent material.
- Collect and place into suitable labelled containers. Dispose of waste material as prescribed under heading "Disposal Considerations".

7. Handling and storage

Handling

- Instructions for safe handling
- See "Personal protective equipment".

Instructions for fire and explosion protection

- Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharges. Cool container(s) with water.

Storage

- Keep container tightly closed in a cool, dry, well-ventilated place
- Do not store above 30 deg C.

Product name: **Sika® Sil-E**

Date of printing: 15.12.03

Page: 3/5

Revised: 15.12.03

MSDS No.: 331

7. Handling and storage (continued)

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

Avoid contact with eyes and skin. Keep hands away from eyes when handling or before washing after use.

Do not breathe vapours.

Ensure adequate ventilation or exhaust during use.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory protection

Not normally required when used as directed.

Hand protection

Plastic or rubber gloves

Eye protection

Safety glasses / goggles.

Body protection

Suitable working clothes (overalls) and enclosed footwear.

9. Physical and chemical properties

Appearance

Physical state: paste

Colour: various

Odour: pungent

Data relevant to safety

Method

Flash point not applicable

Ignition temperature approx 400 deg C

Solubility in water negligible

Exposure limits not applicable

Specific Gravity 0.99 - 1.3 g/cm³ at 25 deg C

Further information

Hydrolytic decomposition occurs in water. Resulting pH value 9.2

Product displays acid reaction with water.

Exposure limits for released acetic acid 4 - 17 % vol.

Thermal decomposition not applicable

Product name: **Sika® Sil-E**

Date of printing: 15.12.03

Page: 4/5

Revised: 15.12.03

MSDS No.: 331

10. Stability and reactivity

General information

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Conditions to avoid

High temperatures.
Sub-zero temperatures.
Sources of ignition.

Materials to avoid/dangerous reactions

Reacts with water, bases and alcohol to form acetic acid.
Hazardous polymerisation will not occur.

Thermal decomposition and hazardous decomposition products

May give rise to smoke and other noxious fumes in the event of a fire.
Combustion products may include formaldehyde.

11. Toxicological information

Sensitization

No data

Experience on humans

When skin contact:
May cause irritation.
When eyes contact:
May cause irritation.
When inhalation:
May lead to irritation.
When swallowed:
May cause health disorders.

Further information

Product of hydrolysis - acetic acid (64-19-7). Contact with dampness on skin, eyes or mucous membranes, may cause irritation. Hydrocarbon may cause irritation to skin and mucous membranes and may have a drying effect on the skin and a narcotic effect. If the lungs are directly effected (e.g. by aspiration), inflammation of the lungs may occur.

12. Ecological information

Persistence and degradability

Silicone content: biologically not degradable

Additional information

Product is slightly water polluting.
Do not allow to enter waste water drain, waterways or soil.

Ecotoxicological effects

According to past experience toxicity to fish is improbable
No adverse effects on water purification plants is expected

Product name: **Sika® Sil-E**

Date of printing: 15.12.03

Page: 5/5

Revised: 15.12.03

MSDS No.: 331

13. Disposal considerations

Further information

Dispose of waste or excess material in accordance with local regulations.

The cured product may be considered as inert, and disposed of as per non-hazardous 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

Nil (Non-hazardous)

16. Other information

Nil.

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.