

# Material Safety Data Sheet

## S-Protect SC

Ref. SC  
Rev. no. 1  
Prepared Date. 09.12.2021  
Review Date. 16.12.2026

### 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

**Product name:** S-Protect SC

**Recommended use:** Industrial Use

**Company details:** Stoanz Ltd

**Address:** 72 Abel Smith Street, Wellington, New Zealand

**Telephone number:** +64 4 801 7794

**Emergency telephone no:** **Nation Poisons Centre, 0800 POISON, 0800 764 766**

### 2. HAZARDS IDENTIFICATION

**Hazard classification:** No specific hazards are known.

**Hazard / Risk Phases:** N/A

**Prevention statements:** N/A

**Response statements:** N/A

**Storage:** N/A

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Nature:** Preparation on the base:  
Organofunctional silane system and water

**Other Information:** The base materials of the polymer are included in the EINECS Inventory

### 4. FIRST AID MEASURES

**Inhalation:** If aerosol or mists are formed:  
If necessary: Provide with Fresh air

**Skin Contact:** Wash off with plenty of water and soap

**Eye Contact:** Rinse thoroughly with plenty of water keep eyelid open.  
In case of persistent discomfort: Consult an ophthalmologist

**Workplace facilities required instructions:** Inhalation  
Move to fresh air.  
Keep patient warm and at rest.

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**Ingestion:** Have the mouth rinsed and water.  
After absorbing large amounts of substance / in case of discomfort. Supply with medical care.

**Notes to physician:** After absorbing large amounts of substance: Administration of activated charcoal  
Acceleration of gastrointestinal passage

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Water spray, foam, CO2, dry powder

**6. ACCIDENTAL RELEASE MEASURES**

**Procedures to be covered:**

Personal Precautions  
Use personal protective equipment.

Environmental Precautions  
Do not allow substance to enter soil, bodies of water or sewer canals.

Methods for Cleaning Up  
Soak up with inert absorbent material (E.G sand, silica gel, acid binder, universal binder, sawdust)  
Fill into marked, sealable containers.  
To be disposed of in compliance with existing regulations.

**7. HANDLING AND STORAGE**

**Handling Practices:**

Advice on safe handling  
Do not inhale mist / aerosols.  
Avoid contact with skin and eyes

Advice on protection against fire and explosion  
Take precautionary measures against static charges, keep away from sources of ignition.

**Storage:**

Requirements for storage  
Keep containers tightly closed in a cool, well ventilated area.

Further information  
Keep tightly sealed in original packaging.  
Protect from frost

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

**Engineering measures** Provide for good ventilation if vapours/aerosols are formed.

**Personal protective equipment (PPE):**

Respiratory protection  
In case of dust/vapours/aerosols being formed or if the limit values like TLV are exceeded:  
Use respiratory equipment with suitable filter or wear a self-contained respiratory apparatus.

Hand Protection  
Glove material: For example, butyl-rubber  
Material thickness: 0,5 mm  
Breakthrough time: >=480 min

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Selection of protective gloves to meet the requirements of specific workplaces.  
Suitability for specific workplaces should be clarified with protective glove manufacturers  
The information is based on our own tests, references from the literature and information from the glove manufactures, or derived by analogy with similar materials.  
Remember that the useful time per day of a chemical protection glove may be shorter than the permeation time determined according to EN 374 due to the many different influential factors involved.  
(e.g. temperature)

**General hygiene:**

Avoid contact with skin and eyes.  
Remove contaminated or saturated clothing  
Smoking, eating and drinking should be prohibited in the application area.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Colour:</b>	Yellowish, slightly turbid
<b>Odour:</b>	Almost odourless
<b>pH:</b>	4 (100g/l) (20 °C)
<b>Melting Point/Range:</b>	Not applicable
<b>Boiling Point &amp; Boiling Range:</b>	Ca. 100 °C
<b>Flash point:</b>	>90 °C
<b>Auto-Flammability:</b>	Not auto-flammable
<b>Relative Density:</b>	1,018 g/cm <sup>3</sup> (20 °C)
<b>Water Solubility:</b>	Miscible
<b>Viscosity: (dynamic)</b>	1 mPas (20 °C)

### 10. STABILITY AND REACTIVITY

**Hazardous reactions:** No dangerous reactions known.

### 11. TOXICOLOGICAL INFORMATION

**Data and interpretation:**

Acute Oral Toxicity  
LD 50 Rat: > 2000 mg/kg  
Method: OECD 423  
Lit.(1)

Acute Inhalation Toxicity  
LC50 Rat: > 5,5 Mg/l /4 h  
Method OECD Test Guideline 404  
Lit.(1)

Acute Dermal Toxicity  
Not irritating

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Method: OECD Test Guideline 404  
Lit.(1)  
Eye Irritation  
Slightly irritating  
Method: OECD Test Guideline 405  
Lit.(1)  
Genotoxicity in vitro  
Ames test salmonella typhimurium  
No evidence of mutagenic effects  
Lit.(1)  
Further Information  
Lit.(1)  
Own study

### 12. ECOLOGICAL INFORMATION

**Eco-toxicological effects:** Toxicity to Fish:  
LC50 Brachydanio rerio: > 1000 mg/l /96 h  
Method: OECD 203  
LC0 Brachydanio rerio: > 1000 mg/l /96 h  
Method: OECD 203

**Elimination information  
(persistence and degradability)** Biodegradability  
Result: 62% Readily Biodegradable  
Method: (CO<sub>2</sub>; modif. Strum test / OECD 301B)

### 13. DISPOSAL CONSIDERATIONS

**Product:** With respect to local regulations, e.g. dispose of to suitable waste incineration plant.  
No waste key number as per the European waster types list, can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer.  
Waste key number must be determined as per the European Wastes Types List (decision on EU Waste Types List 2000.532/EC) in cooperation with the disposal firm / producing firm / official authority.

### 14. TRANSPORT INFORMATION

**Overland transport:** Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**Shipment by sea:  
(IMDG/GGVSee)** Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**Air transport: (ICAO/IATA)** Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

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### Remarks:

#### 15. REGULATORY INFORMATION

##### Labelling according to EC Directives

Statutory basis/list

Special labelling of certain preparations(sensitization)

Not Subject to Labelling Provisions by Directive 67/548/EEC.  
Contains (benzyloxy) methanol. May produce an allergic reaction.

#### 16. OTHER INFORMATION

##### Miscellaneous information:

It is possible in the interim period that you will find different markings on packaging compared with the Material Safety Data Sheet until stocks have been depleted. We ask for your understanding in this matter.

Changes from the previous version are indicated with markings on the left ed. The details in this Safety Data Sheet are equivalent to our current knowledge and comply with the national as well as the EC legislation. The working conditions of the user however escape our knowledge and control. The user is responsible for the observance of all necessary legal regulations. The details in this Safety Data Sheet describe the safety requirements of our product and are no guarantee for the product characteristics.

### References: