



Material Safety Data Sheet

S-Protect SC Stay Clean

Ref. SC
Rev. no. 1
Prepared Date. 09.12.2018
Review Date. 16.12.2021

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

Product name: Protectosil® SC 30

Recommended use: Industrial Use – Hydro- and oleophobic agent

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 absorbant 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 paramaters

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

Physical State:	Liquid
Colour:	Yellowish, slightly turbid
Odour:	Almost odourless
pH:	4 (100g/l) (20 °C)
Melting Point/Range:	Not applicable
Boiling Point & Boiling Range:	Ca. 100 °C
Flash point:	>90 °C
Auto-Flammability:	Not auto-flammable
Relative Density:	1,018 g/cm ³ (20 °C)
Water Solubility:	Miscible
Viscosity: (dynamic)	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)
Gentotoxicity 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: (CO₂; 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: