



Material Safety Data Sheet

S-Protect SP Anti-graffiti

Ref. ST3100
Rev. no. 1
Prepared Date. 09.12.2018
Review Date. 16.12.2022

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

Product name: S-Protect SP Anti-Graffiti

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.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Hazard / Risk Phases: N/A

Prevention statements: N/A

Response statements: N/A

Storage: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: No hazardous ingredients.

Aqueous formula based on a fluoro-organo-functional polysiloxane
Polymers are exempt from REACH registration. The monomers of this polymer are registered pursuant to EC Regulation No. 1907/2006 (REACH).

Other Information: N/A

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

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

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

Unsuitable extinguishing media: High volume water jet

Special hazards arising from the substance or mixture: Standard procedure for chemical fires.

Advice for firefighters Special fire fighting procedures: Water used to extinguish fire should not enter drainage systems, soil or stretches of water. Ensure there are sufficient retaining facilities for water used to extinguish fire. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters: In case of fire: wear a self contained respiratory apparatus

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
Take precautionary measures against static charges, keep away from sources of ignition. Keep tightly sealed in original packing. Protect from frost. Keep containers tightly closed in a cool, well-ventilated place.

Specific end use(s):
No further information available Applications; see Section 1.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters None of the components have assigned exposure limits.

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
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 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:	Viscos liquid
Colour:	Yellowish, slightly turbid
Odour:	Acrylic
pH:	4.4 (1000g/l) water
Melting Point/Range:	Not applicable
Boiling Point & Boiling Range:	99 °C (1013 hPa)
Flash point:	>95 °C DIN EN 22 719
Vapour Pressure	Not Determined
Relative Density:	1,014 g/cm3 (20 °C)
Water Solubility:	Miscible
Viscosity: (dynamic)	42.1 mPa.s (20 °C)

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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

Acute Inhalation Toxicity
LC50 Rat: > 5,5 Mg/l /4 h
Method OECD Test Guideline 404
Test: aerosol

Skin Corrosion/Irritation
Not irritating
Method: OECD Test Guideline 404

Eye Irritation
Slightly irritating
Method: OECD Test Guideline 405

Genotoxicity in vitro
Ames test salmonella typhimurium
No evidence of mutagenic effects

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
No data available.

**Results of PBT and vPvB
assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects: Do not allow to enter waste water drains, watercourse or soil.

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 Waste 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. The waste key number must be determined as per the European Waste Types List (decision on EU Waste Types List 2000/532/EC) in

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cooperation with the disposal firm / producing firm / official authority.

Packaging, that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations. Incorrect disposal or reuse of this container is illegal and can be dangerous. Other countries: observe the national regulations.

14. TRANSPORT INFORMATION

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

Remarks:

15. REGULATORY INFORMATION

Labelling according to EC Directives	Not Subject to Labelling Provisions by Directive 67/548/EEC.
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Statutory basis/list

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: