

MATERIAL SAFETY DATA SHEET

PROTECTASEAL-S
 Issued: 01/01/2011

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Hazardous according to criteria of Worksafe Australia

Identification

Product name:	PROTECTASEAL-S
Other names:	Oil and Water Repellent
Manufacturer's code:	RPPSC
UN number:	1993
D.G. class:	3
Subsidiary risk:	Not allocated
Hazchem code:	2(Y)E
Package group:	II

Use

Oil and water repellent or stain resistant sealer for masonry materials.

Physical Properties

Appearance:	Colourless mobile liquid with alcoholic odour
Boiling point:	Not determined
Vapour pressures (20 °C):	Not determined
Density (20 °C):	0.8g/ml at 20 °C
Flash point:	12 °C
Flammability limits (%):	Not allocated
Solubility in water:	Insoluble in water

Other Properties

Autoignition point:	Not allocated
Vapour density (air=1):	Not allocated
pH:	Not allocated
Viscosity (20 °C):	Not allocated

Ingredients

Chemical entity	CAS number	Proportion
Silanes/siloxanes/fluorinated polymers	Secret	<20%
Additive	Secret	<10%
n-Butyl acetate	123-86-4	<10%
Triethyl orthoformate	122-51-0	<10%
Iso-propanol	67-63-0	60-90%
Ethanol	64-17-5	<10%

Hazard Categories: R10, R11, R36, R66, R67, S7/9, S16, S23, S26, S45, S24/25, S33, S43B

Hazard Health Information

Health Effects:

To the best of our knowledge, the toxicity of this product as a whole has not been determined. Individual ingredients may have adverse health effects. Therefore, this product should be handled under normal industrial hygiene measures accordingly.

Acute:

Swallowed:

This product may be irritating to mucous membranes. Silane/siloxane may hydrolyse in the gastrointestinal tract and produce alcohol if swallowed. No data for health effects associated with long term ingestion.

Eye:

This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage. No data for health effects associated with long term eye exposure.

Skin:

Product may be irritating and cause mild transient discomfort. No data for health effects associated with long term skin exposure.

Inhaled:

Product may be mildly irritating and cause mild transient discomfort. An aerosol mist of silane/siloxane may cause lung damage if inhaled. No data for health effects associated with long term inhalation.

Chronic:

No data available.

First Aid:

General Information: Call Poisons Information Centre 131126 in Australia at all times if you feel being poisoned, burned or irritated by this product. Have this MSDS with you when you call.

Swallowed: If swallowed, do not induce vomiting. Immediately give a glass of water. Get prompt medical attention or phone 131126 in Australia for help.

Eye: Quickly and gently blot material from eyes. Immediately flush eyes with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical attention immediately.

Skin: Gently blot away excess liquid. Wash gently and thoroughly with water using non-abrasive soap if necessary for 5 minutes or until chemical is removed.

Inhaled: Remove affected victim from the exposure to fresh air. If not breathing, give artificial respiration. Seek prompt medical advice.

First Aid Facilities: Provide eye baths and safety showers close to areas where splashing may occur.

Advice to Doctor: Treat symptomatically.

Precautions For Use

Exposure Standards: No data available with this product as a whole. However, the exposure standards for the solvent isopropanol used in this product are: 983 mg/m³ (TWA); 1230 mg/m³ (STEL).

Engineering Controls: Keep away from ignition. Take precautionary measures against static discharges. Provide sufficient ventilation. Use local exhaust ventilation at sources of air contamination.

Personal Protection: Follow good industrial safety practices before handling. Wear chemical resistant safety glasses or goggles (AS1336/AS1337). Wear impervious rubber gloves (AS2161), apron, boots (AS2210) or bodysuit (AS2919). Wear air-purifying respirator (AS1716/AS1715) if there is a risk of exposure to high vapour concentrations. Wash hands after handling and any contaminated clothing and protective equipment before storing or re-using.

Flammability: Product is a highly flammable liquid. Avoid heat & ignition sources. Use in well ventilated areas. Prevent build-up of flammable vapours. Flameproof equipment is necessary when handling in a flameproof area. Product transfer and storage equipment must be earthed.

Safe Handling Information

Storage and Transport: This product is a highly flammable liquid under the Australian ADG code. Consult AS1940 and relevant state or territory regulations on safe storage and handling. Store in cool well-ventilated area away from any heat and ignition sources. Containers should be kept closed in storage and properly labeled. Store only in original or approved containers preferably at 5 to 35°C or preferably at 5 to 25°C away from direct sunlight.

Spills and Disposal: Wear full protective clothing while attending to spills. For major spills, dam and recover. Extinguish all ignition sources. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Ensure waste disposal conforms to local waste disposal regulations. Drain containers and allow drying with ventilation to remove liquid and vapour. Observe all safeguards on label and in this MSDS until container is cleaned or destroyed.

Fire/Explosion Hazard: This product is a highly flammable liquid. Vapours may form explosive mixtures with air. In the event of a fire, this product has a risk of violent reaction or explosion. Shut and remove ignition sources if safe to do so. Use foam or dry agent extinguisher. Wear a breathing apparatus and full protective clothing and boots and chemically impervious protective gloves while attending to hazard. Prevent the product from entering drains or waterways. Hazard decomposition products may include carbon oxides, hydrogen fluoride, silicone dioxide, and traces of formaldehyde.

Other Information

Toxicity Data: Not known

Contact Point For further information please contact Tech-Dry tel: 61 3 9699 8202 (all hours).

Important Note

To the best of our knowledge, the information sources for the preparation of this document were correct and complete at the time of writing. The information is therefore subject to possible change from time to time and cannot be guaranteed. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product or any material existing within the product. For further information, please contact Tech-Dry Building Protection Systems Pty. Ltd.