

CONCRETE PROTECTION COMPANY

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**CONCRETE
PROTECTION
COMPANY**

Resistain-S

Material Safety Data Sheet

RESISTAIN S

Date Issued: 01/01/2024

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA & IATA

Identification

Product name:	RESISTAIN S
Other names:	Oil and water repellent sealer
Manufacturer's code:	RPRS
UN number:	1866
D.G. class:	3
Subsidiary risk:	Not allocated
Hazchem code:	3(Y)E
Poisons schedule no:	6
Package group:	II

Use

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

Physical properties

Appearance:	Colourless mobile liquid with sweet odour
Boiling point:	Not determined
Vapour pressures (20°C):	22 (as hydrocarbon)
Density (20°C):	0.872g/ml at 24°C
Flash point:	≥7°C (as hydrocarbon)
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
Alkylalkoxy silane/siloxane		<10%
Fluorinated polymers		<10%
Acrylic co-polymers		<10%
Xylene (hydrocarbon)	1330-20-7	<80%
Toluene (hydrocarbon)	108-88-3	<20%

Hazard categories: R20/21, S2, S25

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: The hydrocarbon solvents within the product are classified as harmful and irritant (R20/21/38). The solvent will cause severe gastrointestinal irritation if swallowed. Vomiting may cause the product to be aspirated in the lungs possibly resulting in chemical pneumonitis. Siloxane may hydrolyse in the gastrointestinal tract and produce methanol if swallowed.

Eye: Avoid contact with eyes. May cause moderate eye irritation and pronounced inflammation. Skin: Avoid contact with skin. Harmful effects or illness can result from absorption through the skin.

Inhaled: The hydrocarbon solvents are Harmful if inhaled. Avoid breathing vapour or spray mist. Vapour concentrations above 10ppm are irritating to nose, throat or respiratory tract resulting in possible headaches, dizziness, lack of coordination, nausea, and possibly loss of consciousness. An aerosol mist of siloxane may cause lung damage if inhaled.

Chronic: Hydrocarbon solvents may cause irritant contact dermatitis for repeated or prolonged contact. Other ingredient may cause respiratory irritation, liver and kidney damage or blood disorder.

First Aid

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: Flush eyes with large amounts of water for at least 15 minutes. Obtain medical attention.

Skin: Remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse. Seek medical advice if effects persist.

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: There is no data available with this product as a whole. However, The

exposure standards for the hydrocarbon solvents used in this product are: toluene, 100ppm (TWA); 150ppm (STEL) and xylene, 80ppm, (TWA); 150ppm (STEL). It is suggested that these figures should be a general guide when limiting exposure.

Engineering Controls: Keep away from sources of 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: This product is a highly flammable liquid. Avoid heat and all ignition sources. Use only 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 classified as 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 the container is cleaned or destroyed.

Fire/Explosion Hazard: This product is a 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

For further information please contact Concrete Protection Company - telephone: +61 2 9440 8800

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 CPC Products.