

GOLDSEAL GROUP

Rust Proof Services NZ (2005) Ltd
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SPECIFICATIONS

“SILVERSEAL 80” MATERIAL SAFETY DATA SHEET

Market Name: Silverseal 80
Chemical Name: Not Applicable

UN Number: 1263
Dangerous Goods Class: 3a
Hazchem Number: 3(Y)e

Hazardous Ingredients:

Ingredient	Cas Number	Percentage	Exposure Limits
Copolymer Resin	1330-20-4	20-60%	100 ppm / 8 hour twa
Hydrocarbons	64742-49-0	25-40%	50 ppm / 8 hour twa
Aromatic Hydrocarbons	1330-20-7	0-20%	150 ppm / 8 hour twa
Aluminium Flake	7429-90-5	2-10%	100 ppm / 8 hour twa
Rheological Additive	121888-66-22	0-2%	15 mg / m3
Oxidation Catalyst	68453-58-2	0-2%	

Physical Description:

Appearance - Odour: Silver Coloured viscous liquid Solvent Odour
Density:
Flash Point: -18°C
Boiling Point Degrees C:
Percent Volatile: 10%
Specific Gravity: 1.2

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“SILVERSEAL 80” HEALTH HAZARD INFORMATION

Health Effects

Swallowed	Slightly toxic if swallowed. Can cause irritation to the throat, lungs and stomach. The main hazard is aspiration of the swallowed liquid into the lungs causing chemical pneumonia.
Eye	The vapour and liquid can cause eye irritation.
Skin	No acute toxicity data available. Prolonged contact can result in skin irritation and/or dermatitis.
Inhalation	Irritating to mucous membranes and respiratory system. Excessive inhalation can cause headache, nausea, dizziness or asphyxiation. Sensitisation and allergic reaction such as asthma can occur.
Other Health Hazards	No chronic health hazard has been reported, however long term repeated exposure to high vapour concentrations may result in damage to the central nervous system.
First Aid	In all cases of suspected poisoning seek Medical Aid at once. In the interim the following first aid measures are appropriate. Poisons and Hazardous Chemicals Information Centre: for 24 hour URGENT information, Phone 03-4747000
Swallowed	Do NOT induce vomiting. Give 250 ml of water or milk to drink. Do not give anything by mouth to an unconscious person. Obtain medical attention.
Eye	Do not delay. Flush to eyes with copious quantities of water for up to 15 minutes. Retract eyelids frequently. Seek medical attention immediately.
Skin	Remove contaminated clothing as needed. Wash skin thoroughly with soap and water. Flush with water. If irritation persists, seek medical attention. Apply a good quality hand cream. Inhalation If overcome by exposure, remove victim to fresh air immediately. If breathing has stopped, apply artificial respiration. Seek medical attention in all cases.
Advice to Doctor	Keep victim under observation and treat symptomatically as indicated by the patient's condition. Lavage with cupped tube if large quantity ingested. A single high inhalation exposure can cause central nervous system depression with ultimate narcosis. Prolonged or repeated exposure to vapour may lead to a slight degree of peripheral neuropathy.

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“SILVERSEAL 80” PRECAUTIONS FOR USE

Personal Protection

Normal Operation:

Respiratory: Should be handled with local exhaust ventilation or air supplied respirator or in a well ventilated area. If there is a ventilation risk, wear a half mask respirator fitted with organic vapour cartridge (NPF20).

Eye: Chemical goggles or full face shield.

Skin: Wrist length PVC, nitrile or neoprene gloves. Chemical resistant safety shoes and boots. The wearing of overalls is recommended.

Safe Handling Information

Storage and Transport: Storage Temperature: Max: 40 degrees C Min:

Container Type and Material: Steel Tins

Incompatible Substances (materials to avoid for purposes of transport, handling and storage):

Strong oxidisers, acids, alkalis.

Conditions to avoid: Heat, open flame, arc or sparks.

Hazardous Polymerisation: Usual Decomposition Products:

May Occur Will Not Occur

Spill or Leak Procedures

Steps to be taken in case material is released or spilled

Eliminate all sources of ignition. Persons without protective clothing to be excluded from area of spill. Dike area of spill and transfer into empty drums. Residue to be taken up by sand or other absorbent material and placed in drums.

Prevent contamination of stormwater system.

Waste Disposal Method

Destroy by liquid incineration with off-gas scrubber, if possible. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government Regulations.

Fire/Explosion Hazard

Flash Point: -18 degrees C Auto Ignition Temp: Lower Explosion Limit %: 0.9 Upper Explosion Limit %: 6.0

Extinguishing Media:

Foam yes CO2 yes

Special Fire Fighting Procedures:

Wear self contained breathing apparatus. Closed container may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks and open flame.

Precautions to be taken in Handling and Storing

Store in bounded area or in approved flammable store(s) away from direct heat.

Other Precautions: Do not leave containers open. Avoid prolonged or repeated contact with the skin.

NOTE: The information and recommendations contained in this data sheet have been compiled from sources believed to be reliable and represent the best current opinion on the subject. No warranty, guarantee or representation is made by the Company as to the absolute correctness or sufficiency of any representation contained in this data sheet and the company assumes no responsibility in connection therewith. Nor can it be assumed that all acceptable safety measures are contained in this data sheet or that other additional measures may not be required under particular or exceptional circumstances or conditions.