

# Solar-Guard P558

## Material Safety Data Sheet

<b>I. Identification</b>	
Product name	Solar-Guard P558 One Component Liquid Applied Insulation and Waterproofing Membrane
Chemical family	Polymer, acrylic, dispersion
Name of contact	Benson Yau
Product principal address	Master Proofer Company Ltd. 139A Hung Uk Tsuen, Ping Shan, Yuen Long, N.T., H.K.
OEM address	28 Tuas South Avenue 8, Singapore 637648
Country of origin	Singapore
Emergency telephone number	(+852) 2609 2300

<b>II. Ingredients</b>			
Ingredients	CAS number	OSHA PEL	Contents (%)
Water	7732-18-5	-	30 – 60
Acrylic polymer	Trade Secret	-	> 40
Fillers	Trade Secret	-	> 20
Other additives	Trade Secret	-	< 10

<b>III. Physical data</b>			
Boiling point (°C)	N/A	Vapour pressure (mmHG)	N/A
Melting point (°C)	N/A	Specific gravity (20°C)	~ 1.3
Ignition point (°C)	N/A	Volatile material (wt %)	~ 40
Viscosity (25°C, cps)	> 5000	pH	Alkaline
Solubility	Miscible with water.		
Appearance & odour	Coloured liquid emulsion. Characteristic odour.		
VOC content	N/A		

<b>IV. Fire &amp; explosion hazard data</b>	
Flash point (°C)	N/A
Extinguishing media	Water spray, carbon dioxide, foam, dry powder.
Special firefighting procedures	None.
Explosion hazard	Non-explosive.

<b>V. Health hazard data</b>	
<b><u>Acute effects</u></b>	
Eye	Cause mild eye irritation.
Skin	Cause mild skin irritation.
Inhalation	Cause respiratory tract irritation.
Ingestion	Cause gastrointestinal irritation.
<b><u>Chronic effects</u></b>	
Eye	Repeated contact with eyes may cause severe irritation.

Skin	Repeated contact with skin may cause severe irritation and sensitization.
Inhalation	Prolonged inhalation may cause severe respiratory tract irritation.
Ingestion	Repeated ingestion may cause nausea and serve gastrointestinal irritation.
<b>Emergency &amp; first aid procedures</b>	
Eye	Flush with copious amount of water for at least 15 minutes. If irritation develops, seek medical attention.
Skin	Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
Inhalation	Remove the affected individual into fresh air. If irritation develops, seek medical attention.
Ingestion	Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

<b>VI. Reactivity data</b>	
Stability	Stable at normal temperature and pressure conditions.
Reactivity	N/A
Condition to avoid	None known.
Incompatibility	N/A
Hazardous combustion or decomposition product	None known.
Hazardous polymerization	Will not occur.

<b>VII. Spill or leak procedures</b>	
Steps to be taken if material is spilled or released	Avoid contact with skin or eye. Contain and collect the spilt material using absorbent material. Transfer the recovered material into containers for disposal. Use water for final clean-up.
Waste disposal method	Dispose of absorbed material in accordance with regulations.

<b>VIII. Special protection information</b>	
Ventilation	Use general dilution ventilation and/or local exhaust ventilation.
Respiratory protection	If ventilation is not adequate, use respiratory protection equipment.
Protection gloves	Wear approved chemical resistant gloves that may protect hands from direct contact with chemical.
Eye protection	Wear approved chemical safety glasses or goggles.
Other protective equipment	Wear approved chemical resistant cloths.

<b>IX. Special precaution</b>	
Handling	Avoid contact with skin and eyes. Keep away from children.
Storage	Keep containers tightly closed and store in a cool and dry area.
Other precautions	Do not eat, drink or smoke when using this product.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety legislation. The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Certified by

Benson Yau.  
Quality Representative

Date: April 2021

*Digital print out; signature is not required*

The Brand and Interest of above product is owned by  
Master Proofer Company Ltd.

No. 139A, Hung Uk Tsuen, Ping Shan, Yuen Long, N.T, HK

Tel: (852) 2609 2300 Fax: (852) 2609 2309 E-mail Address : master@masterproofer.com

04/2021 Control Reference: MSDS-P558-TCH547.02

Version : 02

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