

# **Flexcoat W500**

## **Material Safety Data Sheet**

<b>I. Identification</b>	
Product name	Flexcoat W500 Single Component Liquid Applied Acrylic Waterproofing Membrane
Chemical family	Polymer, 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	-	10 - 60
Acrylic polymer	Trade secret	-	10 - 60
Fillers	Trade secret	-	10 - 60
Other additives	Trade secret	-	< 10

<b>III. Physical data</b>			
Boiling point (°C)	100 (Water)	Vapour pressure (mmHG)	17.55
Melting point (°C)	0 (Water)	Specific gravity (20°C)	~ 1.3
Ignition point (°C)	N/A	Volatile material (wt %)	~ 35
Viscosity (25°C, cps)	> 5000	pH	Alkaline
Solubility	Partly soluble in water. Miscible with water.		
Appearance & odour	Coloured liquid dispersion. Slight ammonia odour.		
VOC content	11 g/L		

<b>IV. Fire &amp; explosion hazard data</b>	
Flash point (°C)	N/A
Extinguishing media	Water spray, foam, dry powder.
Special firefighting procedures	No special actions.
Explosion hazard	Non-explosive.

<b>V. Health hazard data</b>	
<b><u>Acute effects</u></b>	
No significant symptoms are expected.	
<b><u>Chronic effects</u></b>	
No adverse effects are expected.	
<b><u>Emergency &amp; first aid procedures</u></b>	
Eye	Flush with copious amount of water for at least 15 minutes. If irritation develops, seek medical attention.

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

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Skin	Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
Inhalation	Remove the affected individual into fresh air and keep the person clam. Assist in breathing if necessary. Immediate medical attention required.
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 if stored and handled as prescribed/indicated.
Reactivity	No hazardous reactions if stored and handled as prescribed/indicated.
Condition to avoid	Avoid extreme heat.
Incompatibility	None known.
Hazardous combustion or decomposition product	Carbon monoxide, carbon dioxide, hydrocarbons.
Hazardous polymerization	Will not occur.

<b>VII. Spill or leak procedures</b>	
Steps to be taken if material is spilled or released	For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).  For large amounts: Pump off product.  Spills should be contained, solidified, and place in suitable containers for disposal.
Waste disposal method	Dispose of absorbed material in accordance with regulations.

<b>VIII. Special protection information</b>	
Ventilation	Ensure adequate ventilation.
Respiratory protection	Wear respiratory protection if ventilation is inadequate.
Protection gloves	Wear chemical resistant protective gloves.
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 eyes, skin and clothing. Keep away from children.
Storage	Keep containers tightly closed and store in a dry and well ventilated area.
Other precautions	Do not release untreated product into natural waters.

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: January 2016

*Digital print out; signature is not required*

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