

## MATERIAL SAFETY DATA SHEET

COMPANY DETAILS			
<b>Suppliers Name:</b>		Waterproofing Systems NZ Ltd	
<b>Address:</b>		4 Malvern Road, Onehunga, Auckland 1061, New Zealand	
<b>Contact Numbers:</b>		(09) 579 1460 Fax: (09) 579 1461	
IDENTIFICATION:		NON - HAZARDOUS	
<b>Trade Name:</b>	CRYSTAL GLAZE	<b>Proper Shipping Name:</b>	
		<b>U.N. Number:</b>	
<b>Other Names:</b>		<b>Dangerous Goods Class:</b>	
		<b>And Subsidiary Risk:</b>	
<b>Manufacturers Product Code:</b>	12-PAG	<b>Hazchem No:</b>	
		<b>Packaging Group:</b>	
		<b>Toxic Substances Schedule:</b>	
		<b>Other:</b>	
PHYSICAL DESCRIPTION / PROPERTIES:			
<b>Appearance:</b>	Milky Clear Liquid	<b>Specific Gravity: (Water = 1)</b>	1.04
<b>Boiling Point: (°C)</b>	100	<b>Flash Point:</b>	n/a
<b>Melting Point: (°C)</b>		<b>(method used) (ABEL CC) °C</b>	
<b>Vapour Pressure: (mm Hg) at 20°C</b>	as water	<b>Flammable Limits: Lower Limit (%)</b>	n/a
		<b>Upper Limit</b>	
		<b>Solubility in Water:</b>	
OTHER PROPERTIES:			
<b>Percent Volatile by Volume: (%)</b>	62	<b>Vapour Density: (Air = 1)</b>	as water
<b>Percent Non-Volatile by weight: (%)</b>	41	<b>Odour:</b>	Ammoniacal
<b>Evaporation Rate (BAC = 1)</b>	as water	<b>pH:</b>	8.5-9.5
INGREDIENTS:			
<b>Chemical Name:</b>	<b>Cas No:</b>	<b>Proportion %</b>	<b>Synonyms</b>
Acrylic Polymer		30-60%	
Water		30-60%	
Propylene Glycol		<10%	
Coalescing Agent		3%	
Biocide		<1%	
Ammonia		<-1%	
HEALTH HAZARD INFORMATION: Health Effects			
<b>Swallowed:</b>	Small quantities are unlikely to cause more than temporary discomfort.		
<b>Eye:</b>	Slight irritant, may cause irritation or redness		
<b>Skin:</b>	Slight irritant, may cause rash. Persons known to have history of dermatitis, skin sensitisation should not work in direct contact with product.		
<b>Inhalation:</b>	Toxicity hazard is low. Spray must not be inhaled.		
<b>Supplementary Information:</b>	Not expected to be a skin sensitiser.		
MSDS - 12-PAG		DATE OF ISSUE: 7 October 2013	PAGE 1 OF 3 PAGES

<b>FIRST AID:</b>	
In all cases of suspected poisoning seek Medical Aid at once. In the interim, the following first aid measures are appropriate. NZ Poisons and Hazardous Chemicals Information Centre: for 24 hour URGENT information, telephone 0800 764 766.	
<b>Swallowed:</b>	For less than 25mls drink water, should only be temporary discomfort, seek medical attention. For larger amounts induce vomiting, drink plenty of water, seek medical attention immediately.
<b>Eye:</b>	Flush eye with water for at least 15 minutes. If persistent irritation occurs, obtain medical attention.
<b>Skin:</b>	Remove contaminated clothing. Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.
<b>Inhalation:</b>	Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
<b>ADVICE TO DOCTOR:</b>	
Treat symptomatically.	
<b>PRECAUTIONS FOR USE:</b>	
<b>Exposure Limits:</b>	TLV/TWA (ACGIH 1992) is 100ppm due to residual monomer.
<b>Engineering Controls:</b>	Use only in well ventilated areas.
<b>Ventilation:</b>	Local Exhaust - Good Natural Draught. Mechanical (General) Exhaust Blowers to Remove Fumes.
<b>Personal Protection:</b>	<b>Respiratory Protection</b> (Specify Type): Use a half mask respirator with organic vapour (NPF20) cartridge (NIOSH Approved) should be worn to avoid breathing spray mist or vapours arising from spraying or using product. Use the full face Air-Fed Respirator in confined spaces. <b>Protective Gloves:</b> Viton or Nitrile Rubber Gloves. <b>Eye Protection:</b> Chemical Safety Goggles. Other: As required to prevent skin contact eg. overalls, rubber or plastic apron. Use barrier creams to protect exposed skin.
<b>SAFE HANDLING INFORMATION:</b>	
<b>Spills &amp; Disposal:</b>	Steps should be taken in case material is Released or Spilled. Absorb onto inert chemical spill absorbent, earth, sand or sawdust. Place this material into a suitable container for disposal. (Should limit liquid run off).
<b>Waste Disposal Method:</b>	Place in approved landfill in accordance with local and government codes, bylaws and regulations.
<b>Precautions:</b>	Use personal protection equipment - see 'Precautions for use'.

<b>FIRE / EXPLOSION HAZARD</b>			
<b>Stability:</b>	Unstable		Conditions to avoid: Do not heat above 50°C
	Stable	<b>X</b>	
<b>Incompatibility (Materials to avoid):</b>			Unknown
<b>Hazardous Decomposition Products:</b>			Under severe thermal degradation, Carbon Monoxide, Carbon Dioxide and Nitrogen Oxides.
<b>Hazardous Polymerisation</b>	May Occur		<b>Conditions to Avoid</b> - Above 50°C.
	Will not Occur	<b>X</b>	
<b>Flammability</b>		Non - flammable	Hazchem Code
<b>Extinguishing Media</b>		Carbon Dioxide, Dry Chemical Powder / foam / sand or earth in general most types of extinguishers would be suitable. Do not use water jet.	
<b>Special Fire Fighting Procedures</b>		Fire Fighters should wear self-contained breathing apparatus to avoid inhalation of smoke or vapours. Do not enter fire area without proper protection.	
<b>Unusual Fire and Explosion Hazards</b>		Liquid is miscible with water.	
<b>OTHER INFORMATION:</b>			
<b>Environmental Precautions</b>		Prevent contamination of soil and water. If product enters soil, it will be mobile and may contaminate groundwater. Toxic to aquatic organisms, but non-toxic to organisms in sewage treatment plants.	
<b>Contact Point</b>		Technical Director	(09) 579 1460
<p><b>While Waterproofing Systems NZ Ltd believe that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Waterproofing Systems NZ Ltd assumes legal responsibility. No reliance should be placed upon the information without it first being given your due consideration, investigation and verification.</b></p>			



Waterproofing Systems NZ Ltd

Phone: 09 579 1460

[www.waterproofing.co.nz](http://www.waterproofing.co.nz)