

MATERIAL SAFETY DATA SHEET (MSDS)

NU-CLEAR GLAZE

Water-based Acrylic Weatherproof Coating

IDENTIFICATION	
Chemical Name	<i>Acrylic Emulsion</i>
Dangerous Goods Class	<i>N/A</i>
Poison Schedule	<i>N/A</i>
UN No.	<i>N/A</i>
Sub Risk	<i>N/A</i>
Cas No.	<i>N/A</i>
Hazchem Code	<i>N/A</i>
Packaging Group	<i>N/A</i>

DESCRIPTION / PHYSICAL DATA	
Appearance	<i>Liquid Opaque White Gel</i>
Corrosion	<i>N/A</i>
Percent Volatile (% in volume)	<i>50% - Essentially Water</i>
Boiling Point (°C)	<i>100 (water)</i>
Flash Point	<i>N/A</i>
Ignition Temperature	<i>Not established</i>
Flammable Limit to air (% in volume)	<i>N/A</i>
Vapour pressure (20°C)	<i>N/A</i>
Density (20°C)	
Soluble in water (15°C)	<i>Yes</i>
Vapour Pressure	<i>N/A</i>
Extinguishing media	
Hazardous Decomposition	
Hazardous Reactions	

HEALTH HAZARD / FIRST AID	
General	
Exposure Standard	
Other Precautions	
Advice to Doctors	<i>Contact Poisons Information Centre. Treat symptomatically</i>
Emergency Contact Nos.	<i>Poisons & Hazardous Chemicals Information Centre (03) 474 0999</i>

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HEALTH HAZARDS/FIRST AID

SAFETY HANDLING - "WHAT TO DO"	
Storage	<p>Keep containers closed at all times in a cool place.</p> <p>Store away from sources of heat or ignition.</p> <p>Store away from oxidizing agents, strong bases and metallic aluminium powder. Not to be loaded with:</p> <p>Class 1 Foodstuff and foodstuff empties</p> <p>Class 3 Nitromethane</p> <p>Class 5.1 substances capable of ignited and burning</p> <p>Class 6 cyanide</p> <p>Class 8 all acids</p>
Safe Handling	<p>Open containers with care - volatile solvent. Product is not flammable under normal condition. Forms flammable vapour above 100°C. Decomposes in flame or on hot surface to form toxic phosgene gas and corrosive mist of hydrochloric acid.</p>
Personal protection	<p>The following personal protective equipment must be worn:</p> <p>Overalls or similar protective apparel.</p> <p>Safety glasses, goggles or face shield as appropriate.</p> <p>Rubber boots, PVC gloves, Splash apron.</p> <p>Wash contaminated clothing & protective equipment before storing/re-using.</p> <p>Avoid all contact. Avoid inhaling the vapour, mist or dust.</p>
Engineering control	<p>Maintain concentration below recommended exposure limit.</p> <p>Use with local exhaust ventilation or combination particulate/gas respirator. Class A (organic vapour). Must be sufficient to prevent breathing of vapour. Self contained breathing apparatus may be needed for prolonged periods of exposure.</p>
Spillage & Disposal	<p>Shut off all possible sources of ignition. Clear area of all unprotected personnel. Contain using sand and earth - prevent run-off into drains and waterways. For large spills notify Emergency Services.</p> <p>Small: earth, soil, sand & sawdust, inert material. Collect, seal and label container for disposal. Wash area with excess water. Wear protective coating.</p>
Fire/Explosion Hazard	<p>Fire fighters to wear self-contained breathing apparatus for risk of exposure to products of decomposition. Decomposes on heating, emitting toxic fumes: Phosgene, hydrogen chloride. Flashback along vapour trail may occur.</p> <p>Extinguish with water fog.</p>
Ecological	<p>Avoid contaminating waterways.</p>