

Material Safety Data Sheet

CTL

Coating Technologies Ltd

53-610
May 2005

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Paints

<p>PRODUCT IDENTIFICATION</p>	<p><u>Product Name:</u> MC Polyurethane (code 53-610)</p> <p><u>Chemical Name:</u> Resin Solution. Flammable Liquid.</p> <p><u>U.N. No:</u> 1263 <u>Hazchem Code:</u> 3 (Y)</p> <p><u>Physical Form:</u> Liquid</p>
<p>HAZARDS</p>	<p><u>Dangerous Goods Class:</u> 3 <u>Packaging Code:</u> III</p> <p>Vapour or mist is irritating to mucous membranes and respiratory system. Inhalation of high vapour concentration may cause headache, nausea, difficulty in breathing. Prolonged or repeated skin contact may cause irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. May be moderately irritating to eyes. Can be harmful if swallowed. May cause lung damage if swallowed. Repeated and prolonged occupational overexposure to solvents can damage liver, brain and central nervous system.</p>
<p>STORAGE & HANDLING</p>	<p>Store under cover away from direct sunlight and frost. Avoid extreme temperatures. Keep containers closed when not in use. Avoid heat, sparks, flames and build up of static electricity.</p> <p><u>Protective Gloves:</u> PVC, neoprene, nitrile rubber.</p> <p><u>Eye Protection:</u> Safety Goggles. Ideally with splash guards or side shields and solvent resistant.</p> <p><u>Breathing:</u> Half face respirator with type A organic filter and class P1 particular filter.</p> <p><u>Other Protective Equipment:</u> Normal work clothes covering arms and legs. Overalls, Solvent resistant apron & boots. Provide sufficient ventilation to maintain exposure at safe levels. Use approved respiratory protection when spraying.</p>
<p>FIRE</p>	<p><u>Flash Point:</u> 45°C</p> <p><u>Lower Explosion Limit:</u> 0.8%</p> <p><u>Upper Explosion Limit:</u> 6.0%</p> <p><u>Extinguishing Media:</u> Dry Agent (Carbon Dioxide, Dry chemical powder), Foam.</p> <p><u>Special Fire fighting Procedures:</u> Fire-fighters should wear self contained breathing apparatus. Closed container may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks and open flame. On burning will emit toxic fumes.</p> <p><u>Unusual Fire and Explosion Hazards:</u> Flammable. Can cause explosive mixtures with air.</p>

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<p>FIRST AID PROCEDURES</p>	<p><u>Inhaled:</u> Remove affected person to fresh air. If breathing has stopped apply artificial respiration.</p> <p><u>Eyes:</u> Flush immediately with large amounts of water for at least 15 minutes, lifting lids occasionally. Get medical attention.</p> <p><u>Skin:</u> Remove contaminated clothing. Thoroughly wash affected area with soap & water.</p> <p><u>Swallowed:</u> Immediately rinse mouth with water and give water to drink. Do NOT induce vomiting. Seek medical advice IMMEDIATELY.</p>																		
<p>SPILLS & LEAKS PROCEDURES</p>	<p>Eliminate all sources of ignition. Avoid breathing vapours. Take care floor may be slippery. Stop leak at source. Contain area of spillage. Absorb spill with sand or other absorbent inert material. Transfer liquid material to containers for disposal. Keep away/take care around fresh water drains, streams etc. Destroy by controlled incineration in accordance with local government regulations.</p>																		
<p>PHYSICAL & CHEMICAL DATA</p>	<p>Hazardous according to NZ Dangerous Goods and Toxic Substances Regulations. Flooring Varnish Paint.</p> <p><u>Appearance:</u> Pale Yellow Liquid. <u>Specific Gravity:</u> 0.97 – 0.99</p> <table border="0"> <thead> <tr> <th><u>INGREDIENTS:</u></th> <th><u>CAS NUMBER:</u></th> <th><u>APPROX. PROPORTION:</u></th> </tr> </thead> <tbody> <tr> <td>Isocyanate Prepolymer</td> <td></td> <td>30 – 60%</td> </tr> <tr> <td>Aromatic Hydrocarbon Solvent</td> <td>64742-95-6</td> <td>30 – 60%</td> </tr> <tr> <td>Propylene Glycol Monomethyl Ether Acetate</td> <td>108-65-6</td> <td><10%</td> </tr> <tr> <td>1-Methoxy-2-Propyl Propionate</td> <td>148462-57-1</td> <td><10%</td> </tr> <tr> <td>Aliphatic Diisocyanate</td> <td>26471-62-5</td> <td><0.5%</td> </tr> </tbody> </table>	<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>APPROX. PROPORTION:</u>	Isocyanate Prepolymer		30 – 60%	Aromatic Hydrocarbon Solvent	64742-95-6	30 – 60%	Propylene Glycol Monomethyl Ether Acetate	108-65-6	<10%	1-Methoxy-2-Propyl Propionate	148462-57-1	<10%	Aliphatic Diisocyanate	26471-62-5	<0.5%
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<p>DISPOSAL OF CONTAINERS</p>	<p>To be deposited in a landfill in accordance with local government regulations. Containers may be hazardous when empty.</p>																		

The information contained herein is provided as a general guide only, to facilitate the adoption of the appropriate measures in relation to the handling, storage and disposal of the product. Although Coating Technologies Ltd has taken all reasonable care to ensure that the information is accurate, it accepts no responsibility for any loss or damage howsoever caused that results there from and does not warrant such accuracy whether or not the information originated with Coating Technologies Ltd and users of the product are requested to contact Coating Technologies Ltd technical division for detailed information regarding the qualities and characteristics of the product before it is used.