

Material Safety Data Sheet

CTL

Coating Technologies Ltd

70-XXXX
May 2005

16 Aetna Place, HENDERSON
P O Box 20-221, GLEN EDEN
Tel. 64-9-837-0897
Fax. 64-9-837-3736
AUCKLAND, NEW ZEALAND

Paints

<p>PRODUCT IDENTIFICATION</p>	<p><u>Product Name:</u> Epotec High Build Epoxy (code 70-XXXX)</p> <p><u>Chemical Name:</u> Liquid Epoxy Resin Paint</p> <p><u>U.N. No:</u> Not Classified <u>Hazchem Code:</u> Not Classified</p> <p><u>Physical Form:</u> Liquid</p>
<p>HAZARDS</p>	<p><u>Dangerous Goods Class:</u> Not Classified <u>Packaging Code:</u> Not Classified</p> <p>Material can splatter above 100°C. Inhalation of high vapour concentration may cause headache, nausea, difficulty in breathing. Prolonged skin contact may cause irritation. May be moderately irritating to eyes. Can be harmful if swallowed.</p>
<p>STORAGE & HANDLING</p>	<p>Store under cover away from direct sunlight and frost. Avoid extreme temperatures.</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.</p> <p><u>Breathing:</u> Respirator not normally required. Wear a half mask respirator with an organic vapour cartridge and built in particle filter NPF20 (gas only) in confined space.</p> <p><u>Other Protective Equipment:</u> Normal work clothes covering arms and legs. Have sufficient ventilation.</p>
<p>FIRE</p>	<p><u>Flash Point:</u> Not Applicable</p> <p><u>Lower Explosion Limit:</u> Not Known</p> <p><u>Upper Explosion Limit:</u> Not Known</p> <p><u>Extinguishing Media:</u> Water Spray, Foam, Fog. Do NOT use water jets.</p> <p><u>Special Fire fighting Procedures:</u> Fire-fighters should wear self contained breathing apparatus. Wear full protective clothing.</p> <p><u>Unusual Fire and Explosion Hazards:</u> Will burn, not classified as flammable. Carbon Monoxide may be evolved if incomplete combustion occurs.</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> Give 1 – 3 cups of milk. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.</p>																								
<p>SPILLS & LEAKS PROCEDURES</p>	<p>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 / inert 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>Non-hazardous Resin Epoxy Paint.</p> <p><u>Appearance:</u> Coloured Liquid. <u>Specific Gravity:</u> Dependant on colour.</p> <table border="1" data-bbox="518 1276 1479 1583"> <thead> <tr> <th><u>INGREDIENTS:</u></th> <th><u>CAS NUMBER:</u></th> <th><u>APPROX. PROPORTION:</u></th> <th><u>TLV:</u></th> </tr> </thead> <tbody> <tr> <td>Epoxy Resin</td> <td>Not Known</td> <td>10 – 60%</td> <td>25 ppm 133 mg/m³</td> </tr> <tr> <td>Phenol</td> <td>108-95-2</td> <td>< 3%</td> <td>5 ppm 19 mg/m³</td> </tr> <tr> <td>Additives</td> <td>Mixture</td> <td>0 – 5%</td> <td>-</td> </tr> <tr> <td>Titanium Dioxide*</td> <td>13463-67-7</td> <td>0 – 60%</td> <td>10 mg/m³</td> </tr> <tr> <td>Inorganic/Organic Pigments*</td> <td>Mixture</td> <td>10 – 60%</td> <td>-</td> </tr> </tbody> </table> <p>*Proportions / type vary with colour.</p>	<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>APPROX. PROPORTION:</u>	<u>TLV:</u>	Epoxy Resin	Not Known	10 – 60%	25 ppm 133 mg/m ³	Phenol	108-95-2	< 3%	5 ppm 19 mg/m ³	Additives	Mixture	0 – 5%	-	Titanium Dioxide*	13463-67-7	0 – 60%	10 mg/m ³	Inorganic/Organic Pigments*	Mixture	10 – 60%	-
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<p>DISPOSAL OF CONTAINERS</p>	<p>To be deposited in a landfill in accordance with local government regulations.</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.

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Paints

<p>PRODUCT IDENTIFICATION</p>	<p><u>Product Name:</u> Epotec High Build Epoxy Hardener (code 70-0000)</p> <p><u>Chemical Name:</u> Ketimine in solvent</p> <p><u>U.N. No:</u> 1866 <u>Hazchem Code:</u> 3 (Y) E</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. May be moderately irritating to eyes. Can be harmful if swallowed. Repeated and prolonged occupational overexposure may cause sensitization by skin contact. Repeated exposure may cause skin dryness or cracking.</p>
<p>STORAGE & HANDLING</p>	<p>Store under cover away from direct sunlight and frost. Keep temperatures between 2 & 40°C. Store in steel tins and always labelled. 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> Avoid breathing vapour or spray mist. If used in a confined space wear a respirator with a cartridge for gasses and vapours.</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 level. Use approved respiratory protection when spraying.</p>
<p>FIRE</p>	<p><u>Flash Point:</u> 36°C</p> <p><u>Lower Explosion Limit:</u> Not Known</p> <p><u>Upper Explosion Limit:</u> Not Known</p> <p><u>Extinguishing Media:</u> Carbon Dioxide, Dry Powder, Foam, Water Spray. Do not use high volume water jet.</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.</p> <p><u>Unusual Fire and Explosion Hazards:</u> Burning produces obnoxious and toxic fumes, Carbon Oxides, Nitrogen Oxides.</p>

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<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. Epoxy Hardener.</p> <p><u>Appearance:</u> Amber Liquid. <u>Specific Gravity:</u> 0.95 – 1.00</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>Methyls Iso Butyl Ketone</td> <td>108-10-1</td> <td>10 – 30%</td> </tr> <tr> <td>Diethylenetriamine</td> <td>111-40-0</td> <td>0 – 10%</td> </tr> <tr> <td>Phenol</td> <td>108-95-2</td> <td>< 5%</td> </tr> </tbody> </table>	<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>APPROX. PROPORTION:</u>	Methyls Iso Butyl Ketone	108-10-1	10 – 30%	Diethylenetriamine	111-40-0	0 – 10%	Phenol	108-95-2	< 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>												

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