


<p style="text-align: center;"><b>NFPA</b> Flammability</p> <p style="text-align: center;">Health <span style="display: inline-block; border: 1px solid black; padding: 2px;">0</span> Reactivity <span style="display: inline-block; border: 1px solid black; padding: 2px;">0</span></p> <p style="text-align: center;">0 = Minimal Hazard 4 = Severe Hazard</p>	<p><b>MATERIAL SAFETY DATA SHEET</b></p>  <p><b>4010 Pipe Coating</b></p>	<p style="text-align: center;"><b>HMIS</b></p> <p style="text-align: center;">Health - 1 Flammability - 0 Reactivity - 0 Personal Protection - B</p> <p style="text-align: center;">0 = Minimal Hazard 4 = Severe Hazard</p>									
<p><b>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b></p> <p>Product Name ..... 4010 Pipe Coating            Chemical Family ..... Modified Alkyd            Chemical Name ..... Water Soluble            Formula ..... Proprietary Blend</p> <p><b>MANUFACTURER:</b>            KATS Coatings            A Div. of The Whitmore Mfg. Co.            PO Box 9300            930 Whitmore Drive            Rockwall, TX 75087 USA</p> <p>Tel: (800) 699-6318            Fax: (972) 722-2108</p> <p><b>EMERGENCY TELEPHONES:</b>            Transportation:            CHEMTREC (800) 424-9300            (Calls within U.S. &amp; Canada)            (703) 527-3887 (Collect)            (Calls from outside the USA)</p> <p>Nontransportation            (800) 699-6318</p>	<p><b>4. FIRST AID MEASURES</b></p> <p><b>First Aid For Eyes</b>..... Flush eyes with large quantities of water. If irritation persists, call a physician.</p> <p><b>First Aid For Skin</b>..... Wash areas with soap and water.</p> <p><b>First Aid For Inhalation</b> ..... Move to well ventilated area.</p> <p><b>First Aid For Ingestion</b>..... Promptly drink large quantities of water. Call a physician immediately.</p>										
<p><b>2. COMPOSITION / INFORMATION ON INGREDIENTS</b> (Only hazardous components must be listed.)</p> <table border="1" data-bbox="94 953 805 1041"> <thead> <tr> <th>CAS #</th> <th>Wt %</th> <th>Chemical Name</th> <th>ACGIH (TLV)</th> <th>OSHA (PEL)</th> </tr> </thead> <tbody> <tr> <td>111-76-2</td> <td>3-7</td> <td>Butoxyethanol</td> <td>20 ppm</td> <td>25 ppm</td> </tr> </tbody> </table>	CAS #	Wt %	Chemical Name	ACGIH (TLV)	OSHA (PEL)	111-76-2	3-7	Butoxyethanol	20 ppm	25 ppm	<p><b>5. FIRE FIGHTING MEASURES</b></p> <p><b>Flash Point</b>..... <u>N/A</u>°F      <u>N/A</u> °C  <b>Flammable Limits</b>..... LFL: <u>N/A</u>    UFL: <u>N/A</u>  <b>Extinguishing Media</b>..... Fire and heat may dry water, leaving ingredients possible to burn. Use foam, dry chemical, carbon dioxide, or water fog.</p> <p><b>Special Fire Fighting Procedures</b>... Wear self-contained breathing apparatus approved by NIOSH.</p>
CAS #	Wt %	Chemical Name	ACGIH (TLV)	OSHA (PEL)							
111-76-2	3-7	Butoxyethanol	20 ppm	25 ppm							
<p><b>3. HAZARDS IDENTIFICATION</b></p> <p style="text-align: center;"><b>EMERGENCY OVERVIEW</b></p> <p>Nonflammable liquid. NFPA flammability rating of 0.</p> <p style="text-align: center;"><b>POTENTIAL HEALTH EFFECTS</b></p> <p><b>Route(s) Of Entry</b> .....Inhalation, skin contact/absorption, eye contact, ingestion</p> <p><b>Human Effects and Symptoms of Overexposure</b> ...Skin and eye contact may cause irritation.</p> <p><b>Acute Inhalation</b> .....Not determined.  <b>Chronic Inhalation</b> .....Not determined.  <b>Acute Skin Contact</b>.....Not determined.  <b>Chronic Skin Contact</b>.....Not determined.  <b>Acute Eye Contact</b> .....Not determined.  <b>Chronic Eye Contact</b> .....Not determined.  <b>Acute Ingestion</b> .....Not determined.  <b>Chronic Ingestion</b> .....Not determined.</p> <p><b>Carcinogenicity:</b>  <b>NTP</b>.....No ingredients are listed.  <b>IARC</b>.....No ingredients are listed.  <b>OSHA</b>.....Not regulated.  <b>Medical Conditions</b>.....Not determined.  <b>Aggravated by Exposure</b></p>	<p><b>6. ACCIDENTAL RELEASE MEASURES:</b></p> <p><b>Spill or Leak Procedures</b>..... Contain by diking. Recover liquid into proper waste containers. Soak up residual liquid with absorbent material.</p> <p><b>7. HANDLING AND STORAGE</b></p> <p><b>Storage Temperature (min/max)</b> ...45° - 95°F (7° - 35°C)</p> <p><b>Shelf Life</b>..... 12 months</p> <p><b>Special Sensitivity</b> ..... Keep from freezing, product stability may be affected.</p> <p><b>Handling and Storage Precautions</b> . Store in cool, dry area with container tightly sealed.</p>										

<p><b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b></p> <p><b>Eye Protection Requirements</b> .....Safety glasses.</p> <p><b>Skin Protection Requirements</b> ....Rubber gloves.</p> <p><b>Respiratory/Ventilation</b>.....Mechanical local exhaust at point of <b>Requirements</b> release.</p> <p><b>Exposure Limits</b> Not determined.</p>	<p><b>15. REGULATORY INFORMATION</b></p> <p><b>TSCA Status</b> ..... All ingredients are listed on the TSCA Inventory.</p> <p><b>Cercla Reportable Quantity</b> ..... None</p> <p><b>SARA Title III:</b> <b>Section 302</b> ..... None</p> <p><b>Section 311/312 Hazard</b> ..... Nonhazardous under Section <b>Categories</b> 311/312</p> <p><b>Section 313 Toxic Chemical</b> ..... None</p> <p><b>RCRA Status</b> ..... None</p>
<p><b>9. PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p><b>Physical Form</b> .....Liquid</p> <p><b>Color</b> .....Black</p> <p><b>Boiling Point</b>.....212°F (100°C)</p> <p><b>Melt Point / Freeze Point</b>.....Not determined.</p> <p><b>pH</b> .....8.0 - 9.0</p> <p><b>Solubility in Water</b> .....100%</p> <p><b>Specific Gravity (H<sub>2</sub>O = 1.00)</b> .....1.01</p>	<p><b>16. STATE REGULATORY INFORMATION</b></p> <p>For details on specific regulatory requirements, you should contact the appropriate agency in your state.</p>
<p><b>10. REACTIVITY</b></p> <p><b>Stability</b> .....Stable under normal storage conditions.</p> <p><b>Hazardous Polymerization</b>..... Will not occur.</p> <p><b>Incompatibilities</b> .....None.</p> <p><b>Decomposition Products</b>.....Oxides of carbon when burned.</p>	<p><b>17. OTHER INFORMATION</b></p> <p><b>Reason For Issue</b> ..... New</p> <p><b>Prepared By</b>.....James Kim</p> <p><b>Approved By</b> .....James Kim</p> <p><b>Title</b> ..... Technical Director</p> <p><b>Effective Date</b> ..... October 25, 2005</p> <p><b>Revision Date</b>.....</p>
<p><b>11. TOXICOLOGY INFORMATION:</b></p> <p>N/A</p>	
<p><b>12. ECOLOGICAL INFORMATION</b></p> <p>N/A</p>	
<p><b>13. DISPOSAL CONSIDERATIONS</b></p> <p><b>Waste Disposal Method</b>.....Dispose in accordance with local, state, and federal regulations.</p>	
<p><b>14. TRANSPORTATION INFORMATION</b></p> <p>D.O.T. Shipping Name .....Not regulated.</p> <p>Technical Shipping Name .....Protective Coating</p> <p>D.O.T. Hazard Class.....None</p> <p>U.N./N.A. Number .....None</p> <p>Product RO (lbs).....None</p> <p>D.O.T. Label.....None</p> <p>D.O.T. Placard.....None</p> <p>Freight Class Bulk .....Class 55</p> <p>Freight Class Package.....Class 55</p> <p>Product Label .....Protective Coating</p> <p>Air Transport (ICAO/IATA) .....None</p> <p>Sea Transport (IMO/IMDG).....None</p>	