


<p style="text-align: center;">NFPA Flammability</p> <p>Health 0 0 0 -- Reactivity</p> <p>0 = Minimal Hazard 4 = Severe Hazard</p>	<p>MATERIAL SAFETY DATA SHEET</p>  <p>4024 Pipe Coating</p>	<p style="text-align: center;">HMIS</p> <p style="text-align: center;">Health - 1 Flammability - 0 Reactivity - 0 Personal Protection - B</p> <p>0 = Minimal Hazard 4 = Severe Hazard</p>									
<p>1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</p> <p>Product Name 4024 Pipe Coating Chemical Family Alkyd Chemical Name Water Soluble Formula Proprietary Blend</p> <p>MANUFACTURER: 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>EMERGENCY TELEPHONES: Transportation: CHEMTREC (800) 424-9300 (Calls within U.S. & Canada) (703) 527-3887 (Collect) (Calls from outside the USA)</p> <p>Nontransportation (800) 699-6318</p>	<p>4. FIRST AID MEASURES</p> <p>First Aid For Eyes..... Flush eyes with large quantities of water. If irritation persists, call a physician.</p> <p>First Aid For Skin..... Wash areas with soap and water.</p> <p>First Aid For Inhalation..... Move to well ventilated area.</p> <p>First Aid For Ingestion..... Promptly drink large quantities of water. Call a physician immediately.</p>										
<p>2. COMPOSITION / INFORMATION ON INGREDIENTS (Only hazardous components must be listed.)</p> <table border="1" data-bbox="94 926 805 1014"> <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>5. FIRE FIGHTING MEASURES</p> <p>Flash Point..... N/A°F N/A °C Flammable Limits..... LFL: N/A UFL: N/A Extinguishing Media..... Fire and heat may dry water, leaving ingredients possible to burn. Use foam, dry chemical, carbon dioxide, or water fog.</p> <p>Special Fire Fighting Procedures... 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>3. HAZARDS IDENTIFICATION</p> <p style="text-align: center;">EMERGENCY OVERVIEW</p> <p>Nonflammable liquid. NFPA flammability rating of 0.</p> <p style="text-align: center;">POTENTIAL HEALTH EFFECTS</p> <p>Route(s) Of EntryInhalation, skin contact/absorption, eye contact, ingestion</p> <p>Human Effects and Symptoms of Overexposure ...Skin and eye contact may cause irritation.</p> <p>Acute InhalationNot determined. Chronic InhalationNot determined. Acute Skin ContactNot determined. Chronic Skin ContactNot determined. Acute Eye ContactNot determined. Chronic Eye ContactNot determined. Acute IngestionNot determined. Chronic IngestionNot determined.</p> <p>Carcinogenicity: NTP.....No ingredients are listed. IARC.....No ingredients are listed. OSHA.....Not regulated. Medical Conditions.....Not determined. Aggravated by Exposure</p>	<p>6. ACCIDENTAL RELEASE MEASURES:</p> <p>Spill or Leak Procedures..... Contain by diking. Recover liquid into proper waste containers. Soak up residual liquid with absorbent material.</p> <p>7. HANDLING AND STORAGE</p> <p>Storage Temperature (min/max) ...45° - 95°F (7° - 35°C)</p> <p>Shelf Life..... 12 months</p> <p>Special Sensitivity Keep from freezing, product stability may be affected.</p> <p>Handling and Storage Precautions . Store in cool, dry area with container tightly sealed.</p>										

<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</p> <p>Eye Protection RequirementsSafety glasses.</p> <p>Skin Protection RequirementsRubber gloves.</p> <p>Respiratory/Ventilation.....Mechanical local exhaust at point of Requirements release.</p> <p>Exposure Limits Not determined.</p>	<p>15. REGULATORY INFORMATION</p> <p>TSCA Status All ingredients are listed on the TSCA Inventory.</p> <p>Cercla Reportable Quantity None</p> <p>SARA Title III: Section 302 None</p> <p>Section 311/312 Hazard Categories Nonhazardous under Section 311/312</p> <p>Section 313 Toxic Chemical Glycol Ether</p> <p>RCRA Status None</p>
<p>9. PHYSICAL AND CHEMICAL PROPERTIES</p> <p>Physical FormLiquid</p> <p>ColorSlight Amber</p> <p>Boiling Point.....212°F (100°C)</p> <p>Melt Point / Freeze Point.....Not determined.</p> <p>pH8.0 - 9.0</p> <p>Solubility in Water100%</p> <p>Specific Gravity (H₂O = 1.00)1.02</p>	<p>16. STATE REGULATORY INFORMATION</p> <p>For details on specific regulatory requirements, you should contact the appropriate agency in your state.</p>
<p>10. REACTIVITY</p> <p>StabilityStable under normal storage conditions.</p> <p>Hazardous Polymerization..... Will not occur.</p> <p>IncompatibilitiesNone.</p> <p>Decomposition Products.....Oxides of carbon when burned.</p>	<p>17. OTHER INFORMATION</p> <p>Reason For Issue Update</p> <p>Prepared By.....James Kim</p> <p>Approved ByJames Kim</p> <p>Title Technical Director</p> <p>Effective Date January 15, 2003</p> <p>Revision Date..... October 12, 2005</p>
<p>11. TOXICOLOGY INFORMATION:</p> <p>N/A</p>	
<p>12. ECOLOGICAL INFORMATION</p> <p>N/A</p>	
<p>13. DISPOSAL CONSIDERATIONS</p> <p>Waste Disposal Method.....Dispose in accordance with local, state, and federal regulations.</p>	
<p>14. TRANSPORTATION INFORMATION</p> <p>D.O.T. Shipping NameNot regulated.</p> <p>Technical Shipping NameProtective Coating</p> <p>D.O.T. Hazard Class.....None</p> <p>U.N./N.A. NumberNone</p> <p>Product RO (lbs).....None</p> <p>D.O.T. Label.....None</p> <p>D.O.T. Placard.....None</p> <p>Freight Class BulkClass 55</p> <p>Freight Class Package.....Class 55</p> <p>Product LabelProtective Coating</p> <p>Air Transport (ICAO/IATA)None</p> <p>Sea Transport (IMO/IMDG).....None</p>	