

MATERIAL SAFETY DATA SHEET	
Printed : 20/09/2010	Revised : 20/06/2005
TRADE NAME : MIKROMIX POWDER COATINGS	
1. IDENTIFICATION	
<ul style="list-style-type: none"> Description Name Product Code Manufacturer Info Contact 	<i>Powder Coatings (decorative-in door use)</i> <i>Mikromix</i> <i>UM-SERIES</i> <i>Mikroton Kimya</i> <i>+90 212 886 96 26</i> <i>Quality Dept</i>
2. COMPOSITION	
<ul style="list-style-type: none"> Description Mixture of the substances listed below with non-hazardous additions. <i>POLYMER EPOXY RESIN & BISPHENOL A</i> <i>POLYMER POLYESTER RESIN</i> <i>TITANIUM DIOXIDE</i> <i>BARIUM SULPHATE</i> <i>ORGANIC PIGMENT</i>	 <i>10 – 80 %</i> <i>10 – 80 %</i> <i>0 – 30 %</i> <i>0 – 6 %</i> <i>0 – 6 %</i>
Dangerous Component	-
3. HAZARDOUS IDENTIFICATIONS	
<ul style="list-style-type: none"> Hazard Description Information pertaining to particular danger for human & environment Classification system NFPA rating (0-4) 	<i>Harmful</i> <i>Hatmful by inhalation and if swallowed,</i> <i>May cause sensitization by inhalation</i> <i>Classification was made according to the latest editions of ISL</i> <i>Health : 1</i> <i>Fire : 1</i> <i>Reactivity : 0</i>
4. FIRST AID	
<ul style="list-style-type: none"> After inhalation After Skin contact After eye contact After swallowing 	<i>Supply fresh air and call for a doctor</i> <i>The product does not irritate the skin</i> <i>Rinse opened ey efor several minutes under fresh water</i> <i>Rinse mouth out and then drink plenty of water, if symptoms persist call a doctor</i>
5. FIRE FIGHTING	
<ul style="list-style-type: none"> Suitable extinguishing agents Protective equipment 	<i>Use CO₂ powder or water spray, Fight larger fires with water or alcohol resistant foam</i> <i>Wear self-contained respiratory device</i>
6. ACCIDENTAL RELEASE	
<ul style="list-style-type: none"> Person related precautions Measures for environmental protection Measures for cleaning & collecting 	<i>Ensure adequate ventilation</i> <i>Do not allow to enter sewer & surface or ground water</i> <i>Pick up mechanically. Dispose contaminated material as waste according to item 13</i>

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7. HANDLING & STORAGE	
<ul style="list-style-type: none"> ➤ Handling <ul style="list-style-type: none"> • Information for safe handling • Information for protection against explosions & fires ➤ Storage <ul style="list-style-type: none"> • Requirements to be met by storage place and receptacles • Storage in one common storage facility 	<p><i>Prevent formation of dust. Ensure good ventiation /exhaustion at the workplace</i></p> <p><i>Dust can combine with air to form an explosive mixture</i></p> <p><i>Store in cool, dry place in tightly closed container. Storage temp. Does not exceed 25° F/ 77° C to ensure the product quality. Shlef life up to 1 years. Protect from heat and direct sunlight, humidity and water.</i></p> <p><i>Not required</i></p>
8. EXPOSURE CONTROLS & PERSONAL PROTECTION	
<ul style="list-style-type: none"> • Additional info • Personal protective equipment • Breathing equipment • Protection of hands • Protection of eyes 	<p><i>See item 7</i></p> <p><i>Keep away from foodstuffs, beverage and feed. Wash hands before breaks and at the end of work. The usual precautionary measures for chemicals should be followed.</i></p> <p><i>In case of brief exposure or low pollution use respiratory fitler device. In case of intensive or longer exposure use “independent of circulating air” respiratory device.</i></p> <p><i>Not required</i></p> <p><i>Not required</i></p>
9. Physical and Chemical Properties	
<ul style="list-style-type: none"> • Form • Color • Odour ➤ Change in condition • Melting point & range • Boiling point & range • Flash point • Auto igniting • Danger of explosion • Density • Solubility in water • Solvent Content 	<p><i>Solid, fine powder</i></p> <p><i>According to product</i></p> <p><i>Mostly odourless</i></p> <p><i>70-80°C / 158-176°F</i></p> <p><i>Not applicable</i></p> <p><i>Not applicable (above 800 C)</i></p> <p><i>Not self-igniting</i></p> <p><i>Does not normally present an explosive hazard. However dust can combine with air to form an explosive mixture if it comes together with a source of ignition</i></p> <p><i>LOWER EXP. LIMIT = 15 g / m³</i></p> <p><i>UPPER EXP.LIMIT = 50 g / m³</i></p> <p><i>1,4 – 1,7 g/cm³</i></p> <p><i>No miscible & difficult to mix</i></p> <p><i>Organic solvents : 0,00 %</i></p> <p><i>Solid Content : 100,00 %</i></p>

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10. REACTIVITY & STABILITY	
<ul style="list-style-type: none"> • Thermal decomposition conditions to be avoided • Dangerous reactions • Dangerous products of decomposition 	<i>No decomposition if used according to specifications</i> <i>No dangerous reactions</i> <i>No dangerous decomposition products</i>
11. TOXICOLOGICAL INFORMATION	
<ul style="list-style-type: none"> • Primary irritant effect • Sensitization • Additional toxicological information 	<i>On skin : No irritant effect</i> <i>On eye : No irritant effect</i> <i>Sensitization possible though inhalation</i> <i>The product shows the following danger according to internally approved calculation methods for preparations harmful</i>
12. ECOLOGICAL INFORMATION	
<ul style="list-style-type: none"> • General notes 	<i>Water hazard class 1 (self-assessment) : slightly hazardous for water</i>
13. DISPOSAL CONSIDERATIONS	
<ul style="list-style-type: none"> ➤ Product • Recommendations ➤ Uncleaned packaging • Recommendations 	<i>Must not be disposed of together with household garbage. Do not allow product to reach sewage systems</i> <i>Disposal must be made according to official regulations</i>
14. TRANSPORTATION INFORMATION	
<ul style="list-style-type: none"> ➤ DOT regulations • Hazard class • IATA regulations ➤ Maritime transportation IMDG • Marine pollutant 	<i>Non regulated</i> <i>Not Dangerous under IATA regulations</i> <i>No</i>
15. REGULATIONS	
<ul style="list-style-type: none"> • Product related hazard info • Hazard symbols • Hazard-determining components of labeling • Risk phrases • Safety phrases 	<i>Product has been classified and marked in accordance with directives on hazardous materials</i> <i>Harmful</i> - <i>Harmful by inhalation and if swallowed may cause sensitization by inhalation and skin contact</i> <i>Keep out of the reach of children</i> <i>Keep container dry</i> <i>Keep container in well ventilated place</i> <i>Keep away from food, drink and animal feed</i> <i>Do not breathe gas, fumes vapour, spray</i> <i>If swallowed, call medical advice immediately</i>

	<i>and show this container or label</i>
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16. OTHER INFORMATION	
<p><i>This information is based on our present knowledge. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</i></p> <p><i>Powder may or may not contain crystalline silica.</i></p>	