

**DIMENSIONAL METALS™  
DDM  
Material Safety Data Sheet**

**Product Name:** DIMENSIONAL METALS™ DDM

**Section I - Manufacturer Identification**

**Manufacture's Name:** Triarch

**Address:** One Energy Way, West Warwick, RI 02893

**Emergency Phone:** (800) 537-6111

**Date Revised:** 2/9/2007

**Information Phone:** (800) 537-6111

**Name of Preparer:** David Lelli

**Section II - Hazardous Ingredients/SARA III Information**

<u>Hazardous Components</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>PERCENTAGE</u>
Styrene Acrylic Polymer	Proprietary			<50
Ethylene Glycol	000107-21-1			<10
Butyl Benzyl Phthalate	85-68-7			<5
Ester Alcohol	25265-77-4			<2
Mica	12001-26-2	15mg/m3		<6
Titanium Dioxide	13467-67-7	10mg/m3		<6
Iron Oxide	1309-37-1			<6

*All other ingredients are either Non-Hazardous or have concentrations less than 0.1% and are Non-Hazardous at low concentrations.*

**Section III - Physical/Chemical Characteristics**

**Boiling Point:** 212°F (100°C)

**Vapor Density:** N/A

**Freezing Point:** 32°F (0°C)

**Solubility in Water:** Dilutable

**Vapor Pressure:** 17mmHg@20° C/68 °F

**Appearance and Odor:** Wet, pasty appearance with minimal odor.

**Specific Gravity (H2O = 1):** 1.03-1.05

**Evaporation Rate:** Less than H<sub>2</sub>O

**Viscosity:** 800cps

**pH:** 8-8.5

**Section IV - Fire and Explosion Hazard Data**

**Flash Point:** Non-combustible

**Flammable Limits In Air By Volume:**

**Lower:** N/A

**Upper:** N/A

**Extinguishing Media:** N/A

**Special Firefighting Procedures:** N/A

**Unusual Fire and Explosion Hazards:** N/A

### **Section V - Reactivity Data**

**Stability:** Stable

**Conditions To Avoid:** Strong oxidizing agents (Acids)

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Or By Products:** N/A

**Hazardous Polymerization:** Will not occur

### **Section VI - Health Hazard Data**

**Primary Route of Entry:** Ingestion and Inhalation (Lungs)

**Emergency And First Aid Procedures:**

**Eye Contact:** Flush eyes with water. If irritation persists, call a physician.

**Skin Contact:** Procedures normally not needed.

**Inhalation:** Remove to fresh air.

**Medical Conditions Aggravated By Exposure:** Asthmatic conditions may worsen from prolonged and continuous exposure.

### **Section VII - Precautions for Safe Handling and Use**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

**Spills:** Shovel and recover; then dispose of as common waste. Do not flush to sewer or streams; material can clog drains and make streams turbid.

**Waste Disposal Method:** Non-regulated material.

**Precautions To Be Taken In Handling And Storing:** Keep from freezing. Also, keep from extreme heat for the material may start to settle.

### **Section VIII - Control Measures**

**Respiratory:** When spraying material, wear an approved particulate respirator (NIOSH/MSHA approved or equivalent). Follow manufacturer’s directions for respirator use.

**Ventilation:** Open windows and doors or use other means to ensure fresh air entry during application and drying.

**Protective Gloves:** Not normally required. For sensitive skin to due allergic reaction, use NIOSH/MSHA approved or equivalent protective gloves.

**Eye Protection:** NIOSH/MSHA approved or equivalent safety glasses with side shields.

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