

# SAFETY DATA SHEET

## QUICKMOUNT POWDER

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### Section 1. Product and Company Identification

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#### Product Identifier

CAS Number: 9011-14-7  
CAS Name: Lucite Acrylic Resin – Poly (MMA) Based (4FS1)

CAS Number: 000094-36-0  
CAS Name: Dibenzoyl Peroxide, powder

CAS Number: 7732-18-5  
CAS Name: Water

#### Trade Names and Synonyms

Polymer based on Methyl Methacrylate

#### Manufacturer's Name:

Fulton Metallurgical Products Corporation  
PO Box 427  
Saxonburg, PA 16056

#### Telephone Number for Information:

1-724-898-3600  
Emergency Telephone Number:  
1-800-424-9300 (CHEMTREC)

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### Section 2. Hazard(s) Identification

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Hazard Classification : Combustible dust  
Signal Word: "Warning"  
Hazard Statement: May form combustible dust concentrations in air.  
Other hazards: Low toxicity under normal conditions of handling and use. Causes eye irritation, may cause allergic skin reaction, very toxic to aquatic organisms. Dust may be irritating to the respiratory tract and cause symptoms of bronchitis.

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### Section 3. Composition/Information on Ingredients

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<b>Hazardous Components</b>	<b>CAS No.</b>	<b>%</b>
Lucite Acrylic Resin – Poly (MMA) Based (4FS1)	9011-14-7	95
Dibenzoyl Peroxide	94-36-0	3
Water	7732-18-5	2

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### Section 4. First Aid Measures

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**Eye contact:** Immediately flush eyes with plenty of water. If easy to do contact lenses should be removed during flushing, by trained personnel. Hold eyelids apart during the flushing to ensure rinsing the entire surface of the eye and lids with water. Get medical attention if irritation persists.

**Skin contact:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing and shoes before reuse.

**Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, perform cardiopulmonary resuscitation. Oxygen may additionally be given, by trained personnel, if it is available. Get medical attention immediately if symptoms occur.

**Ingestion:** Do not induce vomiting. Call a physician or a poison control center immediately. If vomiting occur, lie the individual on their left side to reduce risk of aspiration.

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### Section 5. Fire Fighting Measures

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**Flammable Limits:** N/A

**Extinguishing media:** Water spray, foam, dry powder, sand, or CO<sub>2</sub>

**Unsuitable extinguishing media:** Do not use water jet or Halons

**Special Hazards arising from the substance or mixture:** Combustible but not readily ignited. By analogy with similar materials, the product may decompose if heated to temperatures above 392° F (200° C). Combustion or thermal decomposition will evoke toxic, irritant and flammable vapors.

**Fire fighting instructions:** Wear self-contained breathing apparatus. Wear full protective equipment.

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## Section 6. Accidental Release Measures

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**Personal precautions:** Do not breath dust, Avoid contact with skin and eyes.

**Environmental precautions:** Do not allow to enter drains or water courses.

**Methods and materials for containment and cleaning up:** Caution spillage may be slippery. Sweep up and shovel into waste drums or plastic bags. Wash the spillage with water and prevent the spilled material from entering drains or water courses.

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## Section 7. Handling and Storage

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**Precautions for safe handling:** Avoid contact with eyes. Avoid prolong skin contact. Unlikely to represent a dust hazard under normal handling conditions.

**Storage:** Keep material in a clean, cool, dry area away from heat sources. Natural ventilation is adequate.

**Storage Precaution:** Store in ambient temperatures.

**Disposal Method:** Under controlled conditions in a safe open area, or landfill according to Federal, State, or Local regulations. .

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## Section 8. Exposure Controls/Personal Protection

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**Engineering Controls:** Do not eat, drink, or smoke at the work place. Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

### **Personal Protective Equipment:**

**Eye/Face Protection:** Wear safety glasses. Wear splash proof goggles (ANSI A87.1-1968) and face shield when possibility exists for eye and face contact.

**Respirators:** Suitable dust mask or dust respirator with type P may be appropriate.

**Protective Clothing:** Wear suitable gloves and rubber apron.

**Hygienic Practices:** Regular laboratory procedures- housekeeping.

**Exposure Limits:**

Substance	CAS No.	OSHA PEL TWA	ACGIH TWA	ACGIH STEL	Company Std TWA	Company Std. STEL
Particulates (Total dust) Respirator dust)		15 mgm <sup>3</sup> 5 mg/m <sup>3</sup>	Not established			

The following values apply to substances which may be evolved during thermal processing

Substance	CAS No.	OSHA PEL TWA	ACGIH TWA	ACGIH STEL	Company Std TWA	Company Std. STEL
Methyl methacrylate	80-62-6	100 ppm (410 mg/m <sup>3</sup> )	50 ppm (205 mg/m <sup>3</sup> )	100 ppm (410 mg/m <sup>3</sup> ) (SEN; A4)	50 ppm	100 ppm

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## Section 9. Physical and Chemical Properties

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<b>Physical state and appearance:</b>	Beads
<b>Color:</b>	White
<b>Odor:</b>	Typically methacrylate
<b>pH (Value):</b>	Not applicable
<b>Melting Range (°C)</b>	150 – 230
<b>Boiling Point (°C)</b>	Not applicable
<b>Flash Point (°C)</b>	Not available
<b>Relative Evaporation Rate (Ether = 1)</b>	Not applicable
<b>Flammable Limits</b>	Not applicable
<b>Vapor Pressure (Pascal)</b>	Not applicable
<b>Vapor Density (Air = 1)</b>	Not applicable
<b>Specific Gravity:</b>	1.18
<b>Solubility (Water)</b>	Negligible
<b>Solubility (Other)</b>	Not available
<b>Partition Coefficient (n-Octanol/water)</b>	Not applicable
<b>Viscosity (mPa. s)</b>	Not available
<b>Explosive Properties</b>	Not applicable
<b>Oxidizing Properties</b>	Not applicable

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## Section 10 – Stability and Reactivity

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**Hazardous Reactions:** None known

**Conditions to Avoid:** Keep away from heat

**Incompatibility (Materials to Avoid):** None known

**Hazardous Decomposition or Byproducts:** Methyl methacrylate, Carbon dioxide, Carbon monoxide, Benzoic acid, Benzene

**Hazard Polymerization:** Does not occur.

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## Section 11 – Toxicological Information

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**Primary Routes of Entry:** Eyes, Inhalation, Skin, & Ingestion

**Acute toxicity:**

**Ingestion:** Low oral toxicity.

**Inhalation:** Unlikely to be hazardous by inhalation.

**Skin Contact:** Unlikely to cause skin irritation. However, people with sensitive skin may have irritation and if this occurs, seek medical attention.

**Eye Contact:** Dust may cause irritation.

**Carcinogenicity/Mutagenic:** Not carcinogenic.

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## Section 12 – Impact on the Environment

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**Ecotoxicity:** The product is predicted to have low toxicity to aquatic organisms.

**Persistence and degradability:** The product is non-biodegradable in soil. There is no evidence of degradation in soil and water.

**Bioaccumulative potential:** The product has low potential for bioaccumulation

**Mobility:** The product is predicted to have low mobility in soil.

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## Section 13 – Disposal Consideration

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Emptied container might retain product residues. Therefore do not wash residues into drains or other waterways. Dispose of in accordance with federal, state, and local environmental control regulations.

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## Section 14 – Transport Information

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**DOT Classification:** Not classified as dangerous for transport  
**UN No** Not applicable  
**Proper Shipping Name:** Ouickmount Powder  
**Class:** Not applicable  
**Environmental Hazard:** Not applicable

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## Section 15 – Regulatory Information

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US Federal Regulations

SARA 302 –Extremely hazardous Substances Not applicable  
SARA 313 – Toxic Chemicals None

US State Regulations

California

Substances known to the State of California to cause birth defects or other reproductive harm: “None Known”  
Substances known to the state of California to cause cancer: “None Known”

NFPA Rating

Health 0  
Flammability 1  
Reactivity 0

NPCA-HMIS Rating

Health 0  
Flammability 1  
Reactivity 0

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## Section 16 – Other Information

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