

POWDER.

**MATERIAL SAFETY DATA SHEET**

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**Section 1**

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For Chemical Emergency Only  
In the US & Canada

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**PRODUCT IDENTIFICATION: ACRYLIC POWDER**

**SUGGESTED LABELING:**

**Ingredients:** Contains Acrylic Ester Polymer, Benzoyl Peroxide, Titanium Dioxide, Silica.

**CAUTION:** Due to spherical shape of this product, spills should be cleaned up promptly to prevent slips and falls. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation. If eye contact occurs, do not rub eyes. Flush eyes with water for 15 minutes and seek medical advice if irritation persists. Do not ingest. Avoid skin contact, especially if any sensitivity or allergic reaction results. Wash hands after handling product. Use OSHA approved dust mask and eye goggles when working with this product. Use personal protection and mechanical ventilation when handling any chemicals. KEEP OUT OF REACH OF CHILDREN.

**Section 2 - COMPONENTS:**

Component	CAS No.	Weight %	TLV (Units)	PEL (Units)
Poly(Ethyl or Ethyl/Methyl)Methacrylate	9003-42-3 and 25685-29-4	96	10 mg/m3	15 mg/m3
Benzoyl Peroxide	94-36-0	<3	NE	NE
Titanium Dioxide	13463-67-7	<1	NE	NE
Silica	68611-44-9	<0.1	NE	NE

May also contain iron oxide (<0.1%) and D&C Red Pigment (<0.1%)

**Section 3 - PHYSICAL DATA:**

Boiling Point: NA	Vapor Pressure (mmHg):	NA
Melting Point: NE	Vapor Density (air=1):	NA
Specific Gravity: 1.25	Evaporation Rate (Butyl acetate=1):	NA
Solubility in water: Insoluble	% Volatiles W/W%:	NA
Coefficient Water/Oil Distribution: NA	pH: NA	Odor Threshold (ppm): NE
Appearance and odor: Fine white or pink powder. Faint odor in bulk.		

**Section 4 - FIRE AND EXPLOSION HAZARD DATA:**

Flashpoint: 579F (304C) Flammable Limits: Upper = NA Lower = NA

Autoignition Temperature: NE

Extinguishing Media: Water, carbon dioxide, dry chemical

**Special Fire Fighting Procedures:** Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

**Unusual Fire and Explosion Hazards:** Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

**Section 5 - REACTIVITY DATA:**

Stability: Stable      Hazardous Polymerization: Will not occur  
Conditions to Avoid: Heating above 572F (300C)  
Incompatibles (Material to avoid): Strong oxidizing agents  
Hazardous Decomposition Products: Methacrylate monomers and oxides of carbon

**Section 6 - HEALTH HAZARD DATA:**

Threshold Limit Value: TLV      For polymer: NE.  
For decomposition products: Ethyl methacrylate monomer:100 ppm, Methyl methacrylate:100 ppm.  
Primary Routes of Entry: Eyes or skin (no absorption); inhalation of dusts.  
Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens  
Effects of Overexposure: OSHA classifies this material as Particulates, Not Otherwise Classified. Eyes, skin and respiratory tract may be irritated by gross overexposure to particulates, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.  
Emergency and First Aid Procedures:  
Inhalation: Remove to fresh air. Get medical attention if discomfort persists.  
Eye Contact: Flush with water for 15 minutes, holding eyelids open and seek medical attention if irritation persists.  
Skin: Wash with soap and water. Get medical attention if discomfort persists.  
Ingestion: Rinse mouth out with water. Obtain medical advice if large amount ingested.

**Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:**

Steps to be taken in the Event of a Spill or Discharge: Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.  
Disposal Procedure: Dispose in a landfill or incinerate according to Federal, State and Local regulations.  
Safe handling and Storage: Store in cool dry place. Keep container closed to prevent water absorption and contamination.  
Special Precautions: Wash thoroughly after use and before eating and smoking.

**Section 8 - INDUSTRIAL PROTECTIVE EQUIPMENT:**

Ventilation: Local exhaust at processing equipment.  
Respiratory Protection: Use type for Particulates Not Otherwise Classified, as needed. Dust mask is recommended during product use.  
Eye/Skin Protection: Safety glasses/Protective gloves if hot plastic is handled.

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.