MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: Polymethylmethacrylate
SYNONYM OR CROSS REFERENCE: PMMA

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: PMMA
NATURE OF HAZARD: Irritant in powder form

SECTION III. PHYSICAL DATA
BOILING POINT: 
MELTING POINT: 
VAPOR PRESSURE (mm Hg): SPECIFIC GRAVITY: 
VAPOR DENSITY (AIR = 1): PERCENTAGE VOLATILE BY VOLUME (%): 
WATER SOLUBILITY: EVAPORATION RATE: 
APPEARANCE: Transparent solid

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (°F) Not Applicable
FLAMMABLE LIMITS Uel LeL 
Not Applicable 
FIRE EXTINGUISHING MEDIA: Water Spray
SPECIAL FIRE-FIGHTING PROCEDURES: SCBA - Protective clothing

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: N/A
HEALTH HAZARDS: Skin/eye irritant in powder form. Harmful if inhaled or swallowed
FIRST AID PROCEDURES: Eye/skin - flush with water. Inhaled - remove to fresh air, seek medical attention immediately
SECTION VI. REACTIVITY DATA

STABILITY:          UNSTABLE          STABLE
CONDITIONS TO AVOID: Combustion

INCOMPATIBILITY (materials to avoid): Oxidizing agents, Strong bases

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

POLYMERIZATION: WILL NOT OCCUR

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WASTE DISPOSAL METHOD:

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Respirators for high dust level usage

VENTILATION: LOCAL SPECIAL
MECHANICAL OTHER

PROTECTIVE GLOVES: None
EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Store in cool dry place

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: R.L. Blaine
TITLE: Manager, Applications Development

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