

Material Safety Data Sheet

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Product:

GEL POWDER - CLEAR

Date Prepared: 01/15/05
Prepared By:

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Poly (ethylmethacrylate/metyl methacrylate) Particulates		15 mg/m3	10 mg/m3 8 hr	
Poly (ethylmethacrylate/metyl methacrylate) Copolymer Particulates		15 mg/m3	10 mg/m3 8 hr	
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling NA	Specific Gravity (H ₂ O = 1): NA
Vapor Pressure: NA (mm Hg and Temperature)	Melting Point: NA
Vapor Density: NA (Air = 1)	Evaporation Rate: (= 1) NA
Solubility in Water: Not Soluble	Water Reactive: No
Appearance & Odor: White or Colored powder, Acrylic odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: 579 F	Auto-Ignition Temperature: NA	Flammability Limits in Air % by Volume: NA	LEL	UEL
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Extinguisher Media: Water spray, carbon dioxide, foam and dry chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

NA = Not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions to Avoid: Heat, organic or inorganic free radical producing initiators, exposure to sunlight, ultraviolet light or ionizing radiation, trace metals, alkaline substances.
Incompatibility (Materials to Avoid): Primary and secondary amines, acids, alkalies, free radical producing initiators.	
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide.	
HAZARDOUS POLYMERIZATION ☐ May Occur ☐ Will Not Occur	Conditions to Avoid: Direct heat, chemical contamination, sunlight, UV light or ionizing radiation.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	☒ Inhalation ☐ Skin Absorption	☒ Ingestion ☐ Not Hazardous	Carcinogen Listed In	☐ NTP ☐ IARC Monograph	☐ OSHA ☒ Not Listed
HEALTH HAZARDS	Acute: Skin, eyes and respiratory tract irritation. Possible allergic reaction and skin sensitizer. Chronic: Dermatitis.				
Signs and Symptoms of Exposure: Irritated skin, eyes. Reddening or swelling of affected area.					
Medical Conditions Generally Aggravated by Exposure: Existing skin, eyes and lungs conditions.					
EMERGENCY FIRST AID PROCEDURES – Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact: Flush with large amount of water for at least 15 minutes holding lids apart. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention.					
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Wash clothing before use. Get medical attention if irritation should develop.					
Inhalation: Remove to fresh air.					
Ingestion: Do not induce vomiting. If vomiting should occur spontaneously, keep air way clear. Get medical attention. Never give anything by mouth to an unconscious person.					

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): NIOSH/MSHA approved respirator if necessary. Follow manufacturers instructions.			
Protective Gloves: Gauntlet gloves of polyethylene		Eye Protection: Chemical splash goggle	
VENTILATION TO BE USED	☒ Local Exhaust ☐ Other (specify)	☒ Mechanical (general)	☐ Special
Other Protective Clothing and Equipment: Chemical splash goggles or face shield.			
Hygienic Work Practices:			

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released:	Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Wear adequate personal protective clothing and equipment.
Waste Disposal Methods:	Dispose in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State and Local regulations.
Precautions to be Taken in Handling and Storage:	Product may congeal if cold. Allow to warm room temperature and mix well before using. Store in a cool, shaded, well-ventilated dry area away from heat and sunlight.
Other Precautions and/or Special Hazards:	Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Use with adequate ventilation. Wash thoroughly after handling. May cause allergic reaction.

NA = Not available

NFPA Rating	Health_____	Flammability_____	Reactivity_____	Special_____
HMS Rating	Health_____	Flammability_____	Reactivity_____	Personal Protection_____