

Material Safety Data Sheet

IBD

15010 S. Main Street

Gardena, CA 90248

Information: (310) 324-6680, (800) 221-2743

Emergency: Chemtel (800) 255-3924

Product:

5 SECOND DIPPING POWDER

Date Prepared: 11/1/01

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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 Methyl Methacrylate (CAS No. 9011-14-1)		15 mg/m ³	NE	
Ingredients not hazardous by 29CFR1919.1200				
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H₂O = 1): NE
Vapor Pressure: NA (mm Hg and Temperature)	Melting Point: NA
Vapor Density: NA (Air = 1)	Evaporation Rate: NA (= 1)
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Small beads; slight "methacrylate" odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used: ca. 300°C ASTM D-1929	Auto-Ignition Temperature: NE	Flammability Limits in Air % by Volume: NA	LEL NE	UEL NE
Extinguisher Media: Water, carbon dioxide, foam, dry chemical.				
Special Fire Fighting Procedures: Use self-contained breathing apparatus and full protective clothing.				
Unusual Fire and Explosion Hazards: Combusted only with difficulty. An electrostatic charge can potentially buildup when pouring beads. Grounding equipment is recommended.				

NA = Not Applicable

NE = Not Established

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Temperatures above 200°C.
Incompatibility (Materials to Avoid): None are known.	
Hazardous Decomposition Products: Some organic esters may be generated by decomposition of the polymer; these may contain methacrylates. Other decomposition products include carbon monoxide and organic acids, aldehydes and alcohols.	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid:

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	Carcinogen Listed In	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
HEALTH HAZARDS	Acute: See below. Chronic: None known.				
Signs and Symptoms of Exposure: Irritation of eyes or upper respiratory tract.					
Medical Conditions Generally Aggravated by Exposure: None known.					
EMERGENCY FIRST AID PROCEDURES -					
Eye Contact: Mechanical irritation only. Flush immediately with large amounts of water. Call physician.					
Skin Contact: Wash skin with soap and water.					
Inhalation: Gross overexposure may cause irritation of the respiratory tract. If overexposed, remove to fresh air. If breathing difficulty persists, call a physician.					
Ingestion: Do not induce vomiting. Wash mouth out with water. Obtain medical attention if ill effects occur..					

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Dust mask.			
Protective Gloves: Rubber gloves.		Eye Protection: Safety glasses	
VENTILATION TO BE USED	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
Other Protective Clothing and Equipment: Suitable clothing to protect skin from exposure.			
Hygienic Work Practices:			

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

Steps to be Taken if Material is Spilled Or Released:	Sweep up spilled polymer to avoid slipping hazard.
Waste Disposal Methods:	Landfill or incineration in accordance with Federal, State and local regulations.
Precautions to be Taken in Handling and Storage:	Store in cool dry place. Keep containers closed to prevent contamination.
Other Precautions and/or Special Hazards:	None.

NFPA Rating Health _____ Flammability _____ Reactivity _____ Special _____

HMIS Rating Health _____ Flammability _____ Reactivity _____ Personal Protection _____