

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION		SECTION 3: HAZARDS IDENTIFICATION	
<p>Product Details</p> <p>Product Name: Transparent Thermoplastic Powder</p> <p>Allied Item No.: 165-10005, 165-10010, 165-10025</p> <p>Chemical Name: Lucite™ (of DuPont) Poly (Methyl Methacrylate)</p> <p>Company Identification</p> <p>Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p>Contact Point</p> <p>Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>		<p>Hazard Statement: May evolve irritating fumes on processing or overheating.</p>	
SECTION 4: FIRST AID MEASURES			
		Potential Health Effects	First Aid/ Medical Info.
Eye Contact:		Dust may cause irritation.	Remove particles by irrigating with eye wash solution or clean water, holding the eyelids apart. Seek medical attention.
Skin Contact:		Unlikely to cause skin irritation.	Wash skin with soap and water.
Inhalation:		Unlikely to be hazardous but dust vapors may cause irritation.	Remove patient from exposure. Seek medical attention if ill effects occur.
Ingestion:		Low oral toxicity.	Do not induce vomiting. Wash out mouth with water. Seek medical attention if ill effects occur.
Note:			
SECTION 5: FIRE FIGHTING MEASURES			
Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical or water.			
Fire Fighting Instruction: Wear full protective clothing and self-contained breathing apparatus with full facepiece.			
Special Hazards: Combustible but not readily ignited. May form explosive dust clouds in air. May decompose if heated above 392° F (200°C). Combustion or thermal decomposition will evolve toxic, irritant and flammable vapors.			
SECTION 6: ACCIDENTAL RELEASE MEASURES			
Containment Procedures: Caution-spillages may be slippery. Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water.			
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT			
Chemical Name	CAS No.	Exposure Limits in Air ACGIH TLV or TWA	Carcin. OSHA PEL Y/N
Poly (Methyl Methacrylate) >99%	9011-14-7	100 ppm/ 410 mg/m3	100 ppm/ 410 mg/m3
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>		<p>HMIS Ratings</p> <p>Health: NA</p> <p>Flammability: NA</p> <p>Reactivity: NA</p>	
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<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p>Handling: Avoid contact with eyes, skin contact and inhalation of high concentrations of dust. Observe good housekeeping practices.</p> <p>Storage: Keep containers in a clean, cool and dry area away from heat sources.</p>	<p>Environmental Fate & Distribution: High tonnage material produced in partially contained systems. Solid with low volatility. The product is essentially insoluble in water. The product has low potential for bioaccumulation. The product is predicted to have low mobility in soil.</p> <p>Persistence & Degradation: The product is non-biodegradable in soil. There is no evidence of degradation in soil and water.</p> <p>Toxicity: The product is predicted to have low toxicity to aquatic organisms.</p> <p>Effect on Effluent Treatment: The product is anticipated to be poorly removed in biological treatment processes.</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p>Engineering Measures: Natural ventilation adequate.</p> <p>Respiratory Protection: An approved dust mask if exposure to high levels of dust are likely.</p> <p>Protective Gloves: Recommended</p> <p>Eye Protection: Recommended</p> <p>Other:</p>	<p>Waste is considered to be non-hazardous. Clean scrap may be reprocessed. Incineration may be used to recover energy value. May be disposed of by landfill in accordance with Federal, State and Local regulations. Certain packages are returnable. Please consult your local office for further details. Ensure that all packaging is disposed of safely.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Beads Odor: Typical "methacrylate" Solubility: Negligible Boiling Point: NA Melting Point: NA Flash Point: 572°F (300°C) Vapor Pressure: NA Vapor Density: NA Evaporation Rate: NA Specific Gravity: NE Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>DOT Shipping/Regulation: Not regulated</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p>Conditions to Avoid/Incompatibles: Excessive heat</p> <p>Decomposition Products: Methyl methacrylate</p> <p>Hazardous Polymerization: Will not occur</p>	<p>Not classified as hazardous to users or for transport.</p> <p>TSCA Inventory Status: Reported/Included</p> <p>DSL Regulatory Status: Included</p> <p>EINECS: Polymer, monomer included, 201-297-1 (methyl methacrylate)</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p>Long Term Exposure: This material has been in use for many years with no evidence of adverse effects.</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p> <p>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>