

MATERIAL SAFETY DATA SHEET

SECTION 1: NAME OF PRODUCT																
PRODUCT NAME: <i>Transparent Thermoplastic Powder</i>			ALLIED ITEM NUMBER(S): <i>165-10005</i>													
CHEMICAL NAME or PRODUCT TYPE: <i>Acrylic Resin</i>																
SECTION 2: COMPOSITION																
Chemical Name	Common Name	REG (Y/N)	CAS#	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCIN. (Y/N)										
<i>Poly (methyl methacrylate/ethyl acrylate) >99%</i>			<i>9010-88-2</i>	<i>15mg/m3</i>	<i>None Est.</i>	<i>N</i>										
<i>Ethyl Acrylate <1%</i>			<i>140-88-5</i>	<i>20mg/m3</i>	<i>20mg/m3</i>	<i>N</i>										
			<table border="1"> <tr> <td colspan="3">HMIS CODE:</td> </tr> <tr> <td>HEALTH</td> <td>FLAMMABILITY</td> <td>REACTIVITY</td> </tr> <tr> <td><i>N/A</i></td> <td><i>N/A</i></td> <td><i>N/A</i></td> </tr> </table>			HMIS CODE:			HEALTH	FLAMMABILITY	REACTIVITY	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>		
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HEALTH	FLAMMABILITY	REACTIVITY														
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>														
Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.																
SECTION 3: PHYSICAL & CHEMICAL DATA																
BOILING POINT: <i>N/A</i>		MELTING POINT: <i>NAIF</i>		SPECIFIC GRAVITY: <i>NAIF</i>												
VAPOR PRESSURE: <i>NAIF</i>		% VOLATILE by VOL/WGT: <i><1%</i>		VAPOR DENSITY: <i>N/A</i>												
EVAPORATION RATE: <i>N/A</i>		SOLUBILITY in WATER: <i>Negligible</i>		SOLUBILITY in ALCOHOL: <i>NAIF</i>												
SOLUBILITY in OTHER SOLVENT:			APPEARANCE and ODOR: <i>translucent white powder, typical methacrylate odor.</i>													
SECTION 4: FIRE & EXPLOSION HAZARD DATA																
FLASH POINT: <i>572°F</i>		METHOD USED: <i>ASTM D1929</i>		FLAMMABLE LIMITS: LEL: <i>N/A</i> UEL: <i>N/A</i>												
EXTINGUISHING MEDIA: <i>Water; Foam; Dry Chemical; CO₂</i>																
SPECIAL FIRE FIGHTING PROCEDURES: <i>Wear self contained breathing apparatus.</i>																
EXPLOSION POTENTIAL: <i>No information available.</i>																
SECTION 5: HEALTH, FIRST AID, & MEDICAL DATA																
ROUTE(S) of ENTRY	ACUTE and CHRONIC HEALTH EFFECTS			FIRST AID and MEDICAL INFORMATION												
INHALATION:	<i>May cause irritation of the respiratory tract</i>			<i>Not likely to be hazardous by inhalation. Consult a physician if necessary.</i>												
INGESTION:	<i>Not known - toxicity is low</i>			<i>Not likely to be hazardous by ingestion. Consult a physician if necessary.</i>												
SKIN CONTACT/ABSORPTION:	<i>May cause irritation.</i>			<i>Flush skin with water after contact. Wash contaminated clothing before reuse.</i>												
EYE:	<i>Mechanical irritation only.</i>			<i>Flush with plenty of water for 15 minutes and call a physician if irritation persists.</i>												
OTHER POTENTIAL HEALTH RISK:	<i>If molten polymer gets on skin - cool w/cold water. Do not attempt to peel off skin. Obtain medical treatments for thermal burn.</i>			<i>NAIF</i>												
LEGEND:	<i>NAIF = No Applicable Information Found N/A = Not Applicable</i>			OFFICE CODE: <i>MSDS.P65: 26 & 27</i>												

Page 2 of 2: *Transparent Thermoplastic Mounting Powder*

SECTION 6: CORROSIVITY & REACTIVITY DATA

STABILITY: UNSTABLE STABLE **POLYMERIZATION:** MAY OCCUR WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS to AVOID):
None reasonably foreseeable.

DECOMPOSITION PRODUCTS:
*Substance decomposes with heat above 392° F.
Hazardous gasses/vapors produced are Carbon Monoxide, Organic Acids, Aldehydes and alcohols.*

CONDITIONS to be AVOIDED:
N/A

SECTION 7: STORAGE, HANDLING, & USAGE PROCEDURES

NORMAL STORAGE and HANDLING:
Store in a closed container in a cool, dry place. Ground container when pouring.

NORMAL USE:
NAIF

STEPS to be TAKEN in case of LEAKS or SPILLS:
*Use appropriate Personal Protective Equipment during clean up. Avoid generating dust.
Shovel or sweep up into suitable container for disposal.*

WASTE DISPOSAL METHOD:
In accordance with all Federal, State and local regulations.

SECTION 8: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): *Dust Mask*

VENTILATION { **LOCAL:** *Use if exposure limits are exceeded*
MECHANICAL (GENERAL): *Recommended as with all industrial operations.*
OTHER: *NAIF*

PROTECTIVE GLOVES: *Protective gloves to avoid skin contact.*

EYE PROTECTION: *Safety glasses.*

OTHER EQUIPMENT: *Eye Bath and Safety Shower should be available.*

SECTION 9: SPECIAL PRECAUTIONS; EMERGENCY OVERVIEW; NOTES

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.