

HUDSON

MATERIAL DATA SAFETY SHEET

DATE PREPARED: 07/01/2003

MSDS No: MPTTP-50

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Transparent Acrylic Thermoplastic 50 pound container**PRODUCT CODE:** MPTTP**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

Customer Service: (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Poly (Methyl Methacrylate)	>99	9011-14-7
Particulates not otherwise classified	<1	

EXPOSURE LIMITS

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Poly (Methyl Methacrylate)	100 ppm	100 ppm
Particulates not otherwise classified	15 mg/m ³	10 mg/m ³

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** May cause significant irritation to the eyes.**SKIN:** Short-term skin contact is not expected to be irritating.**INGESTION:** Low oral toxicity.**INHALATION:** Unlikely to be hazardous, but dust or vapors may cause irritation.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Redness and possible itching and/or tearing of the eyes.**INGESTION:** No known adverse effects**CANCER STATEMENT:** No evidence of adverse effects but adverse effects unlikely.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: Wash thoroughly with soap and water.

INGESTION: Wash out mouth with water and keep at rest. Seek immediate medical attention.

INHALATION: Remove individual to fresh air. Keep person calm. If breathing is difficult, administer oxygen and get proper medical attention.

NOTES TO PHYSICIAN: Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: 300°C (572°F)ASTM D92

FLAMMABLE LIMITS: N/A to N/A

AUTOIGNITION TEMPERATURE: Not Applicable

EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

EXPLOSION HAZARDS: None

FIRE FIGHTING EQUIPMENT: Fire fighters should wear goggles and self-contained breathing apparatus to avoid inhalation of smoke or vapors.

COMMENTS: Combustible but not readily ignited. May form explosible dust clouds in air. May decompose if heated above 200 deg. C. Combustion or thermal decomposition will evolve toxic, irritant and flammable vapors.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Ordinary precautions for dust and particulates.

COMMENTS: CAUTION- spillages may be slippery. Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water.

7. HANDLING AND STORAGE

HANDLING: Avoid generating dust during handling. Provide appropriate exhaust ventilation at places where dust can be generated. Wear eye protection (goggles, safety glasses or safety mask.) Wash hands with soap and water.

STORAGE: No special storage methods are required.

COMMENTS: Process Hazards

Care should be taken to prevent burns from contact with hot material. All polymers degrade to some extent if over-heated, an effect which increases with increasing temperatures. It is

therefore impossible to be precise about what substances may be evolved.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient local exhaust and general ventilation to maintain exposure below PEL(s), especially for spraying operations which produce mists.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: Not Applicable

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: typical "methacrylate"

APPEARANCE: white powder

pH: Not Applicable

PERCENT VOLATILE: 1

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: 3.90 (water=1)

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION: Methy methacrylate

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: Unlikely to cause skin irritation

GENERAL COMMENTS: Unlikely to be hazardous by inhalation. High concentrations of dust may

irritant to the upper respiratory tract. High concentrations of vapor from hot operations may be harmful, cause irritation of the respiratory tract, and slight narcotic effects.

COMMENTS: Long Term Exposure: This material has been in use for many years with no evidence of adverse effects.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: 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.

Persistence and Degradation: The product is non-biodegradeable in soil. There is no evidence of degradation in soil or water.

Toxicity: The product is predicted to have low toxicity to aquatic organisms.

Effect on Effluent Treatment: The product is anticipated to be poorly removed in biological treatment process.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In compliance with Federal, State and local regulations for landfills.

14. TRANSPORT INFORMATION

COMMENTS: Not regulated as a hazardous material.

15. REGULATORY INFORMATION

GENERAL COMMENTS: Not Applicable

16. OTHER INFORMATION

APPROVED BY: David C. Dillon **TITLE:** Systems Administrator

APPROVAL DATE: 07/01/2003

REVISION SUMMARY New MSDS

NFPA CODES

FIRE: 1 **HEALTH:** 1 **REACTIVITY:** 0 **SPECIAL:** N/A

HMIS CODES

FLAMMABILITY: 1 **HEALTH:** 1 **PHYSICAL HAZARD:** 0 **PERSONAL PROTECTION:** E

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are

beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.