

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: #70778 MTP-1 Moulding Tape Primer  
 Date Printed: June 4, 2012  
 Product Use/Class: Adhesion Promoter

Supplier: International Epoxies & Sealers  
 30241 Commerce Drive  
 San Antonio, FL 33576  
 Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053  
 Outside the U.S. Call collect: 1-352-323-3500

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS #	%
Acrylic Polymer	68584-75-8 or 77342-27-9	0-5
Ethyl Acetate	141-78-6	80-100
Toluene	108-88-3	0-5
Isopropanol	67-63-0	0-5

## Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Acrylic Polymer	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Ethyl Acetate	400 ppm		400 ppm				10,000ppm
Toluene	100 ppm	150 ppm	50 ppm	150 ppm	100 ppm	200 ppm	
Isopropanol	400 ppm		400 ppm	500 ppm			

Toxicity Data: This product and/or components are subject to the regulations and reporting requirements of: SARA 313, SARA 312.

**3. HAZARDOUS IDENTIFICATION**Potential Health Effects

Primary Entry Routes: Inhalation, skin contact, eye contact, ingestion

Target Organs:

Acute Effects

Inhalation: Headache, nausea, dizziness, weakness, sore throat, CNS depression, confusion, drowsiness.

Eye: Eye irritation with tearing or blurred vision.

Skin: Defatting (drying) of skin. Itching, redness, rash.

Ingestion: Solvent burning of mouth and throat, cramps, nausea, headache, drowsiness, and unconsciousness. "Chemical pneumonia".

Carcinogenicity: Not listed as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Significant exposure may adversely affect people with chronic diseases of the respiratory system, skin, and/or eyes.

Chronic Effects:**4. FIRST AID MEASURES**

Inhalation: Remove to fresh air. If individual is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen. Contact a physician.

Eye Contact: Remove to fresh air. Flush with water for at least 15 minutes holding eyelid open. Contact a physician.

Skin Contact: Remove contaminated clothing and launder before reuse. Seek medical attention if symptoms persist. Wash and apply hand cream.

Ingestion: Do not induce vomiting due to aspiration dangers. Call physician immediately. Give two glasses of water to drink.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

Note to Physicians: This material may promote cardiac arrhythmias with excessive exposure.

Special Precautions/Procedures: Catecholamines such as adrenaline should be used with caution and only in emergency situations.

**5. FIRE FIGHTING MEASURES**

Flash Point: 27°F

Method: Closed Cup

Burning Rate: N/A

Autoignition Temperature: N/A

LEL: 2.2% v/v

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UEL: 11% v/v  
Flammability Classification: 3

NFPA Code:  
Health Hazard: 2  
Fire Hazard: 3  
Reactivity Hazard: 0  
Specific Hazard:

Extinguishing Media: Carbon dioxide, dry chemicals, and foam. Water may be ineffective on flames, but may be used to keep fire exposed vessels cool.  
Unusual Fire or Explosion Hazards: Moderate potential when exposed to flame. Vapors form explosive mixture with air. Material floats and can burn on water surface.  
Hazardous Combustion Products: Carbon Monoxide  
Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways. Keep personnel up-wind and removed from the fire.  
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

Spill /Leak Procedures: Supply ventilation (open doors, windows, etc.). Pump into salvage tank.  
Small Spills: Clean up with absorbent.  
Large Spills  
Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.  
Cleanup:  
Regulatory Requirements: Follow applicable Federal, State and Local regulations.  
Disposal: Follow applicable Federal, State, and Local regulations.

## 7. HANDLING AND STORAGE

Handling Precautions: Treat like organic solvents. Keep away from heat, sparks, fire. Observe label precautions. Wash after handling.  
Storage: Store away from heat, sparks, flames, or other sources of ignition. Store between 46° and 82°F unless otherwise labeled.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Local ventilation. Explosion proof equipment.  
Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Water Solubility:	8%
Appearance and Odor:	Sweet solvent odor, slightly cloudy liquid	Other Solubilities:	MEK, Xylene
Odor Threshold:	N/A	Boiling Point:	77°C
Vapor Pressure:	76 mm Hg @ 20°C	Freezing/Melting Point:	N/A
Vapor Density (Air=1):	3	Viscosity:	N/A
Formula Weight:	N/A	Refractive Index:	N/A

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Density: See Specific Gravity  
Specific Gravity (H<sub>2</sub>O=1, at 4 °C): 0.89 g/cc  
pH: N/A  
Surface Tension: N/A  
% Volatile: 98.5  
Evaporation Rate (BuAc = 1): 6.1

## 10. STABILITY AND REACTIVITY

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.  
Polymerization: Hazardous polymerization cannot occur.  
Chemical Incompatibilities: Strong oxidizing agents, strong alkalis  
Conditions to Avoid: Sparks, fire, heat  
Hazardous Decomposition Products: Thermal oxidative decomposition of can produce CO, CO<sub>2</sub>, Oxides of Nitrogen

## 11. TOXICOLOGICAL INFORMATION

Ingredients:	CAS #	Data
Acetic acid ethyl ester (60% to 100%)	141-78-6	Acute Toxicity: orl-rat LD50:5620 mg/kg; ihl-rat LC50:1600 ppm/8H; Irritation: eye-hmn 400 ppm
Toluene (1% to 5%)	108-88-3	Acute Toxicity: orl-rat LD50:636 mg/kg; ihl-rat LC50:49 gm/m <sup>3</sup> /4H; skn-rbt LD50:14100 uL/kg; Irritation: eye-rbt 100 mg/30S rinse MLD; skn-rbt 435 mg MLD; Reproductive: ihl-rat TCLo:1500 ppm (7-20D preg)
Isopropyl alcohol (0.1% to 1%)	67-63-0	Acute Toxicity: orl-rat LD50:5045 mg/kg; ihl-rat LC50:16000 ppm/8H; skn-rbt LD50:12800 mg/kg

## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATIONS

Recommended Methods Of Disposal: Dispose of according to Federal, State and Local regulations.

## 14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):  
Proper Shipping Name: Adhesives  
Hazard Class or Division: 3  
Identification Number: UN1133  
Packaging Group: II  
Label Statement: Flammable

## 15. REGULATORY INFORMATION

U.S. Regulatory Information

TSCA Inventory Status: In compliance with TSCA Inventory requirements for commercial purposes.

SARA Hazard Classifications: Acute, Chronic, Fire

U.S. State Right To Know Regulations

Chemical Name	CAS #	MA	NJ	PA
Acetic acid ethyl ester	141-78-6	Yes	Yes	Yes
Acrylic Polymer	NDA	No	No	No
Toluene	108-88-3	Yes	Yes	Yes
Proprietary	Proprietary	No	No	No
Proprietary	Proprietary	No	No	No
Isopropyl alcohol	67-63-0	Yes	Yes	Yes

California Prop 65 - Warning, This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

Chemical Name	CAS #
Toluene	108-88-3

## 16. OTHER INFORMATION

Prepared by: Technical Manager

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DISCLAIMER: Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS may not be applicable.

END OF MSDS