

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Tico-Tone Pourable Acrylic
Product Number: 8175T, 8176T
Chemical Name: Acrylic Liquid (monomer)
Chemical Family: Methyl Methacrylate Monomer
CAS Number: Blend

Company Identification

Ticonium Co., Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-202-483-7616 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
METHYL METHACRYLATE	> 90.0 %	80-62-6

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.



3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
*
*                               DANGER                               *
*
* Prolonged exposure can lead to kidney and liver                 *
* damage.                                                            *
*
*****
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POTENTIAL HEALTH EFFECTS

EYE:

Can cause slight eye irritation.

SKIN:

Can cause moderate skin irritation and sensitization.

INHALATION:

Can cause irritation of the nose and throat. Repeated or prolonged exposure can cause headache, nausea, drowsiness and unconsciousness.

INGESTION:

Ingestion is not considered a potential route of exposure. Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE:

Headaches, nausea, staggering gait, confusion drowsiness and unconsciousness.

CHRONIC EFFECTS:

Prolonged and repeated exposure can cause the following: allergic skin reaction, kidney damage and liver damage.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

TARGET ORGAN:

Will affect the eyes and upper respiratory tract.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Individuals with pre-existing skin disorders may be more susceptible to severe irritation and possible sensitization.



4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN CONTACT FIRST AID:

Wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen, and obtain immediate medical attention.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: 8.0 C (46.4 F)
Autoignition Temperature: 430 C (806.0 F)

FLAMMABLE LIMITS IN AIR

LEL: 1.5 %
UEL: 12 %

FLAMMABLE PROPERTIES:

Vapors can travel to a source of ignition and flash back. Heat can cause polymerization. Heated containers will explode.

EXTINGUISHING MEDIA:

Foam, Water spray, Carbon Dioxide, dry chemical and polar solvent (alcohol).

FIRE & EXPLOSION HAZARDS:

Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are the same as those of coal dust. Firefighters should wear self-contained breathing apparatus and full protective gear. Take precautionary measures against static discharge.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Not known.



(section 5 continued)

MISCELLANEOUS:

Take precautionary measures against static discharge.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

LARGE SPILLS PROCEDURE:

Contain spills immediately with inert materials (e.g. sand, earth, etc). Transfer liquids & solid diking material to separate suitable containers for recovery or disposal. Contaminated monomer may be unstable.

CAUTION: Keep spills and cleaning runoff out of municipal sewers & open bodies of water. Spills on porous surfaces can contaminate ground water.

Transfer to suitable container for disposal. Wash site of spillage with detergent.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 16 C (60.8 F)
Maximum: 26 C (78.8 F)

HANDLING (PERSONNEL):

Store out of direct sunlight in a cool place. Avoid temperature extremes during storage. Material can burn. Limit indoor storage to approved areas equipped with automatic sprinklers. Use monomer within shelf life stated on label.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area. Keep container closed to prevent water absorption and contamination. Do not store in an oxygen free environment. Total absence of oxygen will inactivate the inhibitor.

STORAGE PRECAUTIONS:

Store in a cool place. Store between 16-26 degrees C (61-79 degrees F) in well ventilated area. Avoid elevated temperatures. Protect from damp conditions.

SPECIAL SENSITIVITY:

Don't store in an oxygen free environment. Keep away from sources of ignition.



8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Full safety glasses or chemical goggles.

SKIN PROTECTION REQUIREMENTS:

Protective gloves - Nitirile/polyethylene. Do not use cotton gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

Only use in well ventilated area. Use breathing apparatus in event of spillage. OSHA/NIOSH approved mask, air-purifying respirator if airborne concentrations exceed are up to 10X the TLV's. Air-purifying mask doesn't protect in oxygen deficient areas.

MISCELLANEOUS:

Use good local exhaust. Wear chemically resistant apron or other impervious clothing.

EXPOSURE GUIDELINES:

METHYL METHACRYLATE

OSHA PEL: 100 ppm, 410 mg/m³

OSHA TWA: 100 ppm, 410 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Clear
ODOR: Fruity
BOILING POINT: 100 C
VAPOR PRESSURE: 29 mm Hg @ 20 C
VAPOR DENSITY: +1 (Air = 1)
SOLUBILITY IN WATER ...: Slight
SPECIFIC GRAVITY: -1 (Water = 1)
% VOLATILES: 100 %
EVAPORATION RATE: (BuAc = 1) +1

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization may occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents, reducing agents, UV light, bases and acids.



(section 10 continued)

DECOMPOSITION:

Hazardous Decomposition Products: Methyl Methacrylate vapour.

CONDITIONS TO AVOID:

Chilled and then warmed will cause polymerization. Avoid elevated temperatures above 35 degrees C (95 degrees F).

11. TOXICOLOGICAL INFORMATION

METHYL METHACRYLATE

Test Code: LC50
Species: Rat
Results: 3750 ppm

Test Code: TCLO
Species: Human
Results: 125 ppm

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dispose of material in accordance with all local, state/provincial, and national regulations. Do not empty into drains.

14. TRANSPORTATION INFORMATION

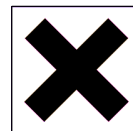
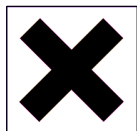
PRODUCT LABEL: Tico-Tone Pourable Acrylic
D.O.T. SHIPPING NAME: Methy Methacrylate, Monomer, Stabilized
TECHNICAL SHIPPING NAME ...: N/A
D.O.T. HAZARD CLASS: Flammable Liquid
UN NUMBER: UN 1247

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:

Harmful (Xn), Irritant (Xi)





R-Phrases:

R36/37/38 - Irritating to eyes, respiratory system, and skin.

S-Phrases:

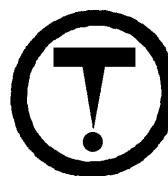
S16 - Keep away from sources of ignition. No smoking.

S3 - Keep in a cool place.

S8 - Keep container dry.

WHMIS Hazard Symbols:

Class B - Flammable and Combustible Material, Class D2 - Materials
Causing Other Toxic Effects



Canadian Disclosure List

METHYL METHACRYLATE (80-62-6)

SARA Title III - Section 313

METHYL METHACRYLATE (80-62-6)

CERCLA Hazardous Substances

METHYL METHACRYLATE (80-62-6) -- RQ 1000 lb

RCRA Hazardous Substances

METHYL METHACRYLATE (80-62-6) -- RCRA Code: U162

Title V

METHYL METHACRYLATE (80-62-6)

SC Toxic Air Pollutants List

METHYL METHACRYLATE (80-62-6)



16. OTHER INFORMATION

PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: July 27, 2011
SUPERCEDES DATE ...: New
MSDS NUMBER: 61044
RTN NUMBER: 00061044 (Official Copy)

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