

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Pour Nobiltone Liquid  
Product Number: 7505-7507, 7514-7516

### Company Identification

Nobilium 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)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
METHYL METHACRYLATE	99.0 %	80-62-6
DIMETHYL P TOLUIDINE	< 1.0 %	99-97-8

(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      *****
*
*   Prolonged exposure can lead to kidney and liver   *
*   damage.                                           *
*
*****

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(section 3 continued)

**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.

**MEDICAL CONDITIONS AGRAVATED 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:**

Flush eye with water for 15 minutes. Get medical attention.

**SKIN CONTACT FIRST AID:**

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

**INHALATION FIRST AID:**

Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.



(section 4 continued)

**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**

TCC Flash Point: 10.0 C (50.0 F)  
Autoignition Temperature: 435.0 C (815.0 F)

**FLAMMABLE LIMITS IN AIR**

LEL: 2.1 %  
UEL: 12.5 %

**FLAMMABLE PROPERTIES:**

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

**EXTINGUISHING MEDIA:**

Water spray, Carbon Dioxide, dry chemical and polar solvant (alcohol) foam.

**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.

**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 know.

**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. Add inhibitor to prevent polymerization.



(section 6 continued)

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

## 7. HANDLING AND STORAGE

### 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 1 year.

### 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 dry place.

### SPECIAL SENSITIVITY:

Don't store in an oxygen free environment.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EYE / FACE PROTECTION REQUIREMENTS:

Wear chemical goggles.

### SKIN PROTECTION REQUIREMENTS:

Protective butyl rubber gloves.

### RESPIRATORY PROTECTION REQUIREMENTS:

OSHA/NIOSH approved mask, air-purifying respirator if airborne concentrations exceed are up to 10X the TLV's.

### MISCELLANEOUS:

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



(section 8 continued)

**EXPOSURE GUIDELINES:**

**METHYL METHACRYLATE**

OSHA PEL: 100 ppm, 410 mg/m<sup>3</sup>  
OSHA TWA: 100 ppm, 410 mg/m<sup>3</sup>

**DIMETHYL P TOLUIDINE**

OSHA PEL: 10 mg/m<sup>3</sup>  
OSHA TWA: 2.5 mg/m<sup>3</sup>

**MEHQ**

OSHA PEL: 2 mg/m<sup>3</sup>  
OSHA TWA: 2 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid  
COLOR .....: Clear  
ODOR .....: Fruity  
BOILING POINT .....: 101 C  
VAPOR PRESSURE .....: 29 mm Hg @ 20 C  
VAPOR DENSITY .....: 3.5 (Air = 1)  
SOLUBILITY IN WATER ...: Moderate  
SPECIFIC GRAVITY .....: 0.94 (Water = 1) (Water = 1)  
% VOLATILES .....: 100 %  
EVAPORATION RATE .....: 1

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Hazardous polymerization will occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

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

**DECOMPOSITION:**

Not known.



## 11. TOXICOLOGICAL INFORMATION

### METHYL METHACRYLATE

Test Code: TCLO  
Species: Human  
Results: 125 ppm

Test Code: Acute Dermal Exposure  
Species: Rabbit  
Results: 6 g/12 days produced mild irritation.

### DIMETHYL P TOLUIDINE

Test Code: Oral LD50  
Species: Rat  
Results: 467 mg/kg

Test Code: LC50  
Species: Rat  
Results: 3750 ppm

Test Code: Oral LD50  
Species: Mouse  
Results: 250 mg/kg

Test Code: LC50  
Species: Rat  
Results: 149 ppm/7 hr

### MEHQ

Test Code: Oral LD50  
Species: Rat  
Results: 600 mg/kg

## 12. ECOLOGICAL INFORMATION

No information available.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

Dispose of material in accordance with all local, state/provincial, and national regulations.



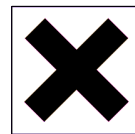
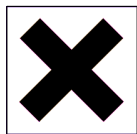
## 14. TRANSPORTATION INFORMATION

PRODUCT LABEL .....: Pour Nobiltone Liquid  
D.O.T. SHIPPING NAME .....: Methy Methacrylate, Inhibited  
TECHNICAL SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS .....: Flammable Liquid  
UN NUMBER .....: N/A

## 15. REGULATORY INFORMATION

### EEC Symbols and Indications of Danger:

Harmful (Xn), Irritant (Xi)



### R-Phrases:

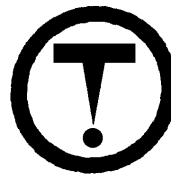
R22 - Harmful if swallowed.  
R36/37/38 - Irritating to eyes, respiratory system, and skin.  
R43 - May cause sensitization by skin contact.  
R48 - Danger of serious damage to health by prolonged exposure.

### 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



(section 15 continued)

**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 .....: Abdul Khan  
TITLE .....: Q. C. Manager  
APPROVAL DATE .....: June 22, 2006  
SUPERCEDES DATE ...: January 8, 2003  
RTN NUMBER .....: 00000257 (Official Copy)

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**END OF MSDS**  
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