

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Pronto II (Liquid)
Product Number: 3280, 3281, 3282, 3274
Synonyms: Pronto II Liquid
Chemical Name: Methyl Methacrylate
Chemical Family: Acrylic

Company Identification

Vernon-Benshoff, 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	99.4 %	80-62-6
DIMETHYL P TOLUIDINE	0.5 %	99-97-8
4-METHOXYPHENOL	< 0.1 %	150-76-5

(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, fire, reactive hazards.



3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****
*
* Prolonged exposure can cause liver and kidney *
* damage. Heat can cause polymerization. Heated *
* sealed containers can explode. *
* *

NFPA Rating - Health: 2
Flammability: 3
Reactivity: 2

POTENTIAL HEALTH EFFECTS

EYE:

Can cause eye irritation.

SKIN:

Can cause skin irritation.

INHALATION:

Vapor or mist can irritate the nose and throat. Extended exposure will lead to headache, nausea, drowsiness and unconsciousness. Prolonged or repeated exposure can cause liver and kidney damage, and allergic reaction.

SIGNS AND SYMPTOMS OF EXPOSURE:

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

CHRONIC EFFECTS:

Prolonged or repeated exposure can cause liver and kidney damage.

TARGET ORGAN:

Liver. Kidneys.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eyes promptly with water and consult physician if irritation is apparent.

SKIN CONTACT FIRST AID:

Immediately wash skin with soap and plenty of water.



(section 4 continued)

INHALATION FIRST AID:

Remove to fresh air. Give Oxygen.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: 9.4° C (48.9 F)
Autoignition Temperature: 435° C (815.0 F)

FLAMMABLE LIMITS IN AIR

LEL: 2.12 %
UEL: 12.5 %

EXTINGUISHING MEDIA:

Carbon Dioxide, dry chemicals, water fog.

FIRE & EXPLOSION HAZARDS:

Heated containers can explode. Heat can cause polymerization.

6. ACCIDENTAL RELEASE MEASURES

No information available.

7. HANDLING AND STORAGE

HANDLING (PHYSICAL ASPECTS):

Avoid reducing and oxidizing materials.

STORAGE PRECAUTIONS:

Keep away from heat, sparks, and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation recommended.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.



(section 8 continued)

EXPOSURE GUIDELINES:

METHYL METHACRYLATE

OSHA PEL: 100 ppm, 410 mg/m³
OSHA TWA: 100 ppm, 410 mg/m³

DIMETHYL P TOLUIDINE

OSHA PEL: 10 mg/m³
OSHA TWA: 2.5 mg/m³

4-METHOXYPHENOL

OSHA PEL: 2 mg/m³
OSHA TWA: 2 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Colorless
ODOR: Fruity
BOILING POINT: 101° C
VAPOR PRESSURE: 29 psia @ 20° C
VAPOR DENSITY: 3.5 (Air = 1)
SOLUBILITY IN WATER ...: 1.15% 20°C
SPECIFIC GRAVITY: 0.94 (Water = 1)
% VOLATILES: 99.7 %

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Polymerization may occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid reducing and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

SKIN EFFECTS:

Acute dermal LD 50, rabbit: 35,500 mg/kg.

ACUTE ORAL EFFECTS:

Acute oral LD 50, rat: 7900 mg/kg.

ACUTE INHALATION EFFECTS:

Acute inhalation LC 50, rat: 712,500 to 16,500 ppm for 0.5 hours.



(section 11 continued)

MISCELLANEOUS:

Human patch test: About 1/3 of 50 subjects developed a mild erythema at the site of application. 20% of subjects showed evidence of sensitivity when tested 10 days later.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Incinerate under controlled conditions which complies with Federal, State & Local requirements.

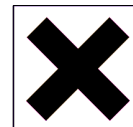
14. TRANSPORTATION INFORMATION

PRODUCT LABEL ...: Pronto II (Liquid)

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:

Explosive (E), Extremely flammable (F+), Irritant (Xi)



WHMIS Hazard Symbols:

Class F - Dangerously Reactive Material



Canadian Disclosure List

METHYL METHACRYLATE (80-62-6)

SARA Title III - Section 313

METHYL METHACRYLATE (80-62-6)



(section 15 continued)

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: Phyll Tabone
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: February 26, 2008
SUPERCEDES DATE ...: May 22, 2006
MSDS NUMBER: 540
RTN NUMBER: 00002048 (Official Copy)

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