HUDSON

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 07/02/2003
MSDS No: Koldmount Liquid 30oz

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Koldmount Monomer Liquid (Part Number: KML3346)
PRODUCT CODE: Koldmount Liquid 30 oz container

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

Chemical Name	Wt.%	CAS#
2-Propenoic acid, 2-methyl-, methyl ester	90 - 100	80-62-6
Dimethyl P Toluidine	0 - 10	99-97-8

	EXPOSURE LIMITS		
Chemical Name	**OSHA PEL**	**ACGIH TLV**	**Supplier**
2-Propenoic acid, 2-methyl-, methyl ester	NL	100 ppm	
Dimethyl P Toluidine	N/A	N/A	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Can cause headache, nausea, drowsiness and unconsciousness. Prolonged exposure may cause allergic skin reaction, kidney damage and liver damage.

POTENTIAL HEALTH EFFECTS

EYES: May cause slight temporary eye irritation. Corneal injury is unlikely.

SKIN: Repeated skin contact can cause an allergic reaction in some individuals.

INGESTION: May cause nausea

INHALATION: Irritant

4. FIRST AID MEASURES

EYES: Wash thoroughly with large amounts of water, seek medical attention.

SKIN: Wash thoroughly with soap and water.

INHALATION: Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (-50°F)Open Cup

FLAMMABLE LIMITS: 1.8 to 8.2

AUTOIGNITION TEMPERATURE: 435°C (815°F)

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

EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Exposure to direct heat or flames can induce polymerization with rapid release of energy.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon monoxide, carbon dioxide and irritatiing or toxic vapors and gases.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use inert, noncombustible aborbent material. Sweep or scoop up using non-sparking tools and remove.

LARGE SPILL: Remove all ignition sources, keep room well ventilated, dike and absorb spill with inert material (sand, soda ash, vermiculite, etc).

7. HANDLING AND STORAGE

HANDLING: Wash hands after use

STORAGE: Store in cool room. Avoid heat, direct sunlight, and any ignition sources.

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: To prevent any contact, wear impervious protective clothing such as neoprene or butyl

rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved air supplied respirator in absence of proper environmental control.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Fruity acrylic odor
COLOR: Colorless
pH: Not Applicable
PERCENT VOLATILE: 99.75
VAPOR PRESSURE: 29.0 mmHg20
VAPOR DENSITY: .9431 (Air=1)
BOILING POINT: (100.6°F) to (101°F)
FREEZING POINT: Not Applicable
MELTING POINT: Not Applicable
SOLUBILITY IN WATER: 100 at 20°C
EVAPORATION RATE: Not Applicable
SPECIFIC GRAVITY: .9497 (water=1)
(VOC): 422 grams/liter

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

POLYMERIZATION: Exposure to heat or direct sunlight may cause polymerization. Avoid exposure to heat or direct sunlight.

HAZARDOUS DECOMPOSITION: Various hydrocarbons and irritating, acrid vapors

INCOMPATIBLE MATERIALS: Reducing and oxidizing agents

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate under controlled conditions which comply with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Methyl Methacrylate Monomer
PRIMARY HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: 1247
PACKING GROUP: III
LABEL: Flammable

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Methyl Methacrylate

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Methyl Methacrylate RQ 1000lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: TSCA Inventory Status:
All components of this material are listed on the US Toxic Substances Control Act (TSCA) inventory.

RCRA STATUS: Methyl Methylcrylate RCRA Code: U162

GENERAL COMMENTS: CERCLA:

California Proposition 65:

Canada CEPA:

Canada WHMIS:

16. OTHER INFORMATION

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

APPROVAL DATE: 07/02/2003

REVISION SUMMARY New MSDS

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