

MATERIAL SAFETY DATA SHEET

MSDS Name: THINNER  
MSDS Number: 162  
Version Number  
MSDS Date: MAR-05-2012  
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SECTION 1. PRODUCT AND COMPANY INFORMATION

Product Name: THINNER  
Hazard Rating: Health: 1 Fire: 2 Reactivity: 0 PPI:

Company Identification: DAMPNEY CO INC.  
85 PARIS ST  
EVERETT MA 02149-4411

Contact: CONRAD FOO  
Telephone/Fax: (617) 389-2805 (617) 389-0484  
Emergency Phone (24 Hour): FOR INTERNATIONAL CHEMTREC  
001 703 527 3887  
Chemtrec (24 Hour): 800-424-9300

Product Class INDUSTRIAL SOLVENT  
Trade Name THINNER  
Product Code 162  
DOT Hazard Class  
UN Number 1263  
Shipping Name PAINT RELATED MATERIAL  
Technical Name

SECTION 2. INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
METHYL n-AMYL KETONE	110-43-0	100.00	Y

\*\*\* ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION 3. PHYSICAL DATA

Form: CLEAR LIQUID  
pH Value: Not Applicable  
Boiling Range: 305.6°F

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Melting Point:	Not Applicable
Evaporation Rate:	0.34 times Slower than n-Butyl Acetate
Vapor Density:	Heavier than air
Partition Coefficient	Not Available
% Volatile Weight	100.0%
% Volatile	100.0%
Specific Gravity:	0.8178
Weight/Gallon:	6.81 lbs
VOC	6.81 LBS/GAL
Heavy Elements (ppm)	0.

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## SECTION 4. FIRE AND EXPLOSION HAZARD DATA

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Flammability Class	2
Flash Range:	102.2°F
Explosive Range:	1.11%
	7.9%

### EXTINGUISHING MEDIA:

Foam, alcohol foam, CO2, dry chemical. Water fog may be ineffective but should be used to cool fire-exposed containers to prevent pressure build up and possible auto-ignition or explosion when exposed to extreme heat.

### SPECIAL FIREFIGHTING PROCEDURES:

Use full protection equipment including self-contained breathing apparatus (NIOSH/MSHA approved) for respiratory protection in fighting fires in enclosed or confined spaces, or as otherwise needed. Minimize breathing gases, vapors, fumes or decomposition products.

### UNUSUAL FIRE & EXPLOSION HAZARDS:

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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## SECTION 5. HEALTH HAZARD DATA

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Route	Species	Exposure and Dose
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METHYL n-AMYL KETONE

Inhalation	Rat	LC50 4000. PPM
Oral	Rat	LD50 1600. mg/kg
Skin	Rabbit	LD50 10206. mg/kg

PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII

EFFECTS OF OVEREXPOSURE:

Primary route(s) of entry:

(X) Dermal (X) Inhalation ( ) Ingestion

Acute (short term) exposure:

Inhalation: High vapor concentrations may cause drowsiness and irritation.

Skin contact: Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

Eye contact: Can cause irritation, redness, tearing, and blurred vision.

Ingestion: Expected to be a low ingestion hazard.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush thoroughly with running water for 15 minutes, including under eyelids. Get medical attention.

Skin: Promptly remove contaminated clothing and wash affected areas thoroughly with soap and water. If irritation occurs get medical attention. Wash contaminated clothing thoroughly before re-use.

Inhalation: If overcome by vapor, remove to an area free from risk of further exposure. If breathing is difficult, administer oxygen, or artificial respiration if breathing has stopped. Keep person warm and quiet and get medical attention.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Effects of chronic (long term) overexposure:

In laboratory animals: Overexposure to this material (or its components) has not been found to cause any structure-activity

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relationships, or cause nervous system damage

## SECTION 6. STABILITY AND REACTIVITY MEASURES

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

### INCOMPATIBILITY:

Avoid contact with strong oxidizing agents, acids or bases.

### CONDITIONS TO AVOID:

Avoid heat, open flames.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and unidentified organics may be formed.

## SECTION 7. SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Before attempting cleanup, refer to hazard caution information in other sections of this sheet.

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Large spills: Notify safety personnel. Eliminate potential sources of ignition. Wear appropriate respirator and protective clothing. Soak up with an absorbent, i.e. sand, clay or other suitable material. Place in non-leaking containers and seal tightly for proper disposal. Ventilate confined spaces. Minimize breathing vapors. Open all windows and doors. Minimize skin contact. Keep product out of sewers and water courses by diking and impounding. Observe precautions for volatile, combustible vapors from absorbed material.

Small spills: Take up with absorbent material and place in non-leaking containers for proper disposal.

### WASTE DISPOSAL METHOD:

Assure conformity with applicable federal, state and local regulations.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
METHYL n-AMYL KETONE	50.00 PPM	N/est	N/est	N/est	100.00 PPM

RESPIRATORY PROTECTION:

Use NIOSH approved respirator as required to prevent overexposure. Unconfined spaces--use a vapor/particulate respirator such as NIOSH/MSHA approved no. TC-23C. Confined spaces--use a constant flow air-line respirator such as NIOSH/MSHA approved no. TC-19C.

VENTILATION:

Provide sufficient ventilation to keep air contaminant concentration below current applicable OSHA permissible exposure limit or ACGIH's TLV limit. No smoking or open lights.

PROTECTIVE GLOVES:

Use chemical-resistant gloves to prevent skin contact.

EYE PROTECTION:

Use chemical splash goggles or face shield to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT:

Use chemical-resistant or other protective outerwear to protect against clothing contamination and skin contact.

SECTION 9. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING, TRANSPORTATION, AND STORING:

Caution! Combustible. Handling and storage conditions must be suitable for OSHA Class II flammable liquid. Store in cool, well-ventilated, fire resistant storage area. Protect containers against physical damage. Keep away from heat, flame, and strong oxidizing agents. Do not store above 100 F. Use only with adequate ventilation. Keep containers closed when not in use. Do not breathe vapor or mist. Avoid contact with eyes, skin and clothing. Do not take internally. Bond and ground containers of this material when pouring to avoid static sparks which create a fire hazard.

OTHER PRECAUTIONS:

Contact lenses pose a special hazard; soft lenses may absorb and

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all lenses concentrate irritants.

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SECTION 10. REGULATORY INFORMATION

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The information and recommendations contained herein are based on data believed to be correct. However, Dampney makes no warranty express or implied regarding the accuracy of these data or results to be obtained from the use thereof. Dampney assumes no responsibility for personal injury or property damage caused by use of the material described herein. It is the responsibility of the purchaser or user to ensure that this material is properly and safely used.