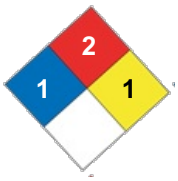
Dampney Company, Inc.

Lab Metal

Manufacturer MSDS Number: LAB METAL

NFPA



HMIS

HEALTH	1
FIRE	2
REACTIVITY	1
PPE	

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Lab Metal
Manufacturer Name:Dampney Company, Inc.
Address:
85 PARIS ST
EVERETT MA 02149-4411

Business Phone:(617) 389-2805
Business Fax: (617) 389-0484
Product Description:
Product Class: METAL PATCHING COMPOUND

For information in North America, call: (617) 389-2805
For emergencies in the US, call CHEMTREC: 800-424-9300
Manufacturer MSDS Revision Date:
OCT-28-2009

Trade Names:
LAB METAL

CAS Number: Not Applicable
NFPA
Health: 1
Flammability: 2
Reactivity: 1
Other:
HMIS
Health Hazard: 1
Fire Hazard: 2
Reactivity: 1
Personal Protection:
Contact: CONRAD FOO

DOT Hazard Class: CONSUMER COMMODITY ORM-D GROUND DOMESTIC
UN Number: 1263
AIR CLASS: 3
Shipping Name: PAINT

Product Codes:
LAB METAL

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SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#	Percent	
ATOMIZED ALUMINUM POWDER	7429-90-5	51.98%	

TSCA: Yes

Chemical Name	CAS#	Percent	
*METHYL ETHYL KETONE (HAPS)	78-93-3	9.77%	

TSCA: Yes

Chemical Name	CAS#	Percent	
TOLUENE (HAPS)	108-88-3	8.94%	

TSCA: Yes

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

SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS:
ACGIH recommends a TWA of 50 ppm for toluene (skin).

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SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:
Form: PASTE

Color:
GRAY

Odor:
SOLVENT

pH:
Value: Not Applicable

Vapor Density:
Heavier than air

Boiling Point:
175. deg F - 230. deg F

Melting Point:
Not Applicable

Specific Gravity:
1.73157

Evaporation Point:
0.736 times Faster than n-Butyl Acetate

Percent Volatile:
39.46%
Weight: 18.71%

Volatile Organic Compound Content:
2.74 LBS/GAL

Coefficient of Water/Oil Distribution:
Partition Coefficient: Not Available

FlashPoint:
23. deg F - 45. deg F

Upper Flammable Explosive Limit:
11.5%

Lower Flammable Explosive Limit:
1.4%

Weight/Gallon: 14.65 lbs

Heavy Elements (ppm): 0.

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SECTION 4 : Fire And Explosion Hazards

Flash Point:
23. deg F - 45. deg F

Upper Flammable or Explosive Limit: 11.5%

Lower Flammable or Explosive Limit: 1.4%

Flammability Class: 2

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.

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

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Unusual Fire 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 Hazards

Applies to all ingredients:

Route of Exposure:

Dermal, Inhalation

Potential Health Effects:

Eye Contact:

Acute (short term): Can cause severe irritation, redness, tearing, and blurred vision.

Skin Contact:

Acute (short term): Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

Inhalation:

Acute (short term): Excessive inhalation of vapors can cause nasal and respiratory irritation, cns effects including dizziness, weakness, nausea, headache, possible unconsciousness, and even death.

Ingestion:

Acute (short term): Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Chronic Health Effects:

(Long term): In laboratory animals - overexposure to this material (or its components) has been found to cause the following effects; anemia, liver abnormalities, kidney, lung and spleen damage.
In humans - liver and cardiac abnormalities.

Aggravation of Pre-Existing Conditions:

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing eye, skin, liver and/or kidney disorders may be aggravated by exposure to this product.

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION 9

***METHYL ETHYL KETONE (HAPS):**

Potential Health Effects:

Acute (short term): MEK has been shown to cause harm to fetus in laboratory animal studies, the relevance of these findings to humans is uncertain.

TOLUENE (HAPS):

Chronic Health Effects:

(Long term): Toluene may be harmful to the fetus based on laboratory animal studies. Repeated exposure to toluene has been associated with high frequency hearing loss based on evidence in laboratory animals. The human health consequences of this finding is uncertain.

***METHYL ETHYL KETONE (HAPS):**

Skin Effects:

Route: Skin
Species: Rabbit
Exposure and Dose: LD50 5000. mg/kg

Ingestion Effects:

Route: Oral
Species: Rat
Exposure and Dose: LD50 2900. mg/kg

Inhalation Effects:

Route: Inhalation
Species: Rat
Exposure and Dose: LC50 11700 MG/L 11700. Other

TOLUENE (HAPS):

Skin Effects:

Route: Skin
Species: Unknown

Exposure and Dose: LD50 14. PPM

Ingestion Effects:

Route: Oral
Species: Unknown
Exposure and Dose: LD50 5. PPM

Inhalation Effects:

Route: Inhalation
Species: Unknown
Exposure and Dose: LD50 8000. PPM

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SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

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

Skin Contact:

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.

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SECTION 7 : Reactivity Data

Chemical Stability:

This product is stable

Conditions to Avoid:

Avoid heat, open flames.

Incompatibilities with Other Materials:

Avoid contact with strong oxidizing agents, acids or bases.

Hazardous Polymerization:

Hazardous polymerization will not occur

Hazardous Decomposition Products:

Carbon monoxide and unidentified organics may be formed.

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SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

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 Spill:

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. Observer precautions for volatile, combustible vapors from absorbed material.

Small Spill:

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

Other Precautions:

Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

Handling:

CAUTION! FLAMMABLE! Handling conditions must be suitable for OSHA CLASS I flammable liquid.

Storage:

CAUTION! FLAMMABLE! Storage conditions must be suitable for OSHA CLASS I 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 deg 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.

Waste Disposal:

Assure conformity with applicable federal, state and local regulations.

DOT Shipping Name:

PAINT

DOT UN Number:

1263

DOT Hazard Class: CONSUMER COMMODITY ORM-D GROUND DOMESTIC

IATA Class:

AIR CLASS: 3

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SECTION 9 : Control Measures

Ventilation System:

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.

Hand Protection Description:

PROTECTIVE GLOVES: Use chemical-resistant gloves to prevent skin contact.

Eye/Face Protection:

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

Respiratory Protection:

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

Other Protective:

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

Exposure Limits:

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION 9

Ingredient Guidelines

Ingredient: *METHYL ETHYL KETONE (HAPS)
- Guideline Type: ACGIH TLV-TWA
- Guideline Information: 200.00 PPM
- Guideline Type: OSHA PEL-TWA
- Guideline Information: 200.00 PPM
- Guideline Type: ACGIH TLV-STEL
- Guideline Information: 300.00 PPM; C: Not Established
- Guideline Type: OSHA PEL-STEL
- Guideline Information: 300.00 PPM

Ingredient: ATOMIZED ALUMINUM POWDER
- Guideline Type: ACGIH TLV-TWA
- Guideline Information: 15.00 mg/M3
- Guideline Type: OSHA PEL-TWA
- Guideline Information: Not Established
- Guideline Type: ACGIH TLV-STEL
- Guideline Information: Not Established; C: Not Established
- Guideline Type: OSHA PEL-STEL
- Guideline Information: Not Established

Ingredient: TOLUENE (HAPS)

Guideline Type: ACGIH TLV-TWA
Guideline Information: 50.00 PPM
Guideline Type: ACGIH TLV-STEL
Guideline Information: 100.00 PPM; C: Not Established
Guideline Type: OSHA PEL-STEL
Guideline Information: 100.00 PPM
Guideline Type: OSHA PEL-TWA
Guideline Information: 100.00 PPM

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SECTION 10 : Other Information

Applies to All Ingredients:

TSCA 8(b): Inventory Status

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

ATOMIZED ALUMINUM POWDER:

TSCA 8(b): Inventory Status (Yes/No): Yes

***METHYL ETHYL KETONE (HAPS):**

TSCA 8(b): Inventory Status (Yes/No): Yes

Section 313 Toxic Release Form:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:
Ingredient Name: *METHYL ETHYL KETONE (HAPS)
CAS Number: 78-93-3
Percent: 9.77

TOLUENE (HAPS):

TSCA 8(b): Inventory Status (Yes/No): Yes

Section 313 Toxic Release Form:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:
Ingredient Name: TOLUENE (HAPS)
CAS Number: 108-88-3
Percent: 8.94

State:

PROP 65 (BOTH CARCINOGEN AND TERATOGEN):
WARNING: This product may contain a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.
Ingredient Name: TOLUENE (HAPS)
CAS Number: 108-88-3
Percent: 8.94

HMIS:

Health Hazard: 1

Fire Hazard: 2

Reactivity: 1

NFPA:

Fire Hazard: 2

Health: 1

Reactivity: 1

MSDS Revision Date:

OCT-28-2009

MSDS Author:

Contact: CONRAD FOO

Disclaimer:

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