

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR #1
MSDS Number: APEX 1
Version Number
MSDS Date: APR-11-2011
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SECTION 1. PRODUCT AND COMPANY INFORMATION

Product Name: APEXIOR #1
CAS Number: N/A
Hazard Rating: Health: 2 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 COATING
Trade Name: APEXIOR NO. 1
Product Code: 001
DOT Hazard Class
UN Number: 1263
Shipping Name
Technical Name

SECTION 2. INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
MINERAL SPIRITS	64742-88-7	50.05	Y
ASPHALT	8052-42-4	7.31	Y
XYLENE (HAPS)	1330-20-7	1.12	Y

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

** SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS **
Technical grade xylene contains 18-20% ethyl benzene CAS # is

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100-41-4 and is subject to reporting requirements of SECTION 313 of SARA TITLE III.

One or more animal studies indicate that asphalt can cause skin cancer in mice; other animal studies have been negative for this effect. There is no evidence that humans exposed to asphalt are at increased risk of skin cancer.

SECTION 3. PHYSICAL DATA

Form: DARK COLOR LIQUID
pH Value: Not Applicable
Boiling Range: 278.°F - 400.°F
Melting Point: Not Applicable
Evaporation Rate: 0.07 times Slower than n-Butyl Acetate

Vapor Density: Heavier than air

Partition Coefficient: Not Available
% Volatile Weight: 50.2%
% Volatile: 67.8%
Specific Gravity: 1.06118
Weight/Gallon: 8.83 lbs
VOC: 4.4 LBS/GAL
Heavy Elements (ppm): 0.

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 3
Flash Range: 79.°F - 105.°F
Explosive Range: 1.%
7.%

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 for respiratory protection in fighting fires in

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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.

SECTION 5. HEALTH HAZARD DATA

Route	Species	Exposure and Dose
MINERAL SPIRITS		
Inhalation	Rat	LC50 4 HOURS 5500. PPM
Oral	Rat	LD50 5000. mg/kg
Skin	Rabbit	LD50 3000. mg/kg
XYLENE (HAPS)		
Inhalation	Unknown	LC50 26800. PPM
Oral	Unknown	LD50 4300. mg/kg
Skin	Unknown	LD50 2000. mg/kg

PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII

EFFECTS OF OVEREXPOSURE:

PRIMARY ROUTE(S) OF ENTRY:

(X) Dermal (X) Inhalation () Ingestion

EFFECTS OF ACUTE OVEREXPOSURE:

- Eyes - can cause mild irritation, redness, tearing and blurred vision.
- Skin - prolonged or repeated contact can cause moderate irritation, defatting and dermatitis.
- Breathing - excessive inhalation of vapor can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness, and even death.
- Swallowing - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

EFFECTS OF CHRONIC OVEREXPOSURE:

Overexposure to this material (or its components) has been suggested as a cause of central nervous effects in humans.

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Human health risks may vary from person to person, exposure should be minimized.

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 and call a physician immediately Administer oxygen or artificial respiration as needed.

INGESTION - If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Pre-existing eye, skin, and respiratory disorders may be aggravated exposure to this product.

Chronic overexposure to xylene has been suggested to cause cardiac abnormality in humans.

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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, such as liquid chlorine, concentrated oxygen, or sodium hypochlorite.

CONDITIONS TO AVOID:

Avoid heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and unidentified organics may be formed.

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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.

LARGE SPILLS: Notify safety personnel. eliminate potential

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sources of ignition. Wear appropriate respirator and protective clothing. Soak up with absorbent material such as 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 out of sewers and water courses by diking. Observe precautions for volatile, flammable 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

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
MINERAL SPIRITS	100.00 PPM	N/est	N/est	N/est	100.00 PPM
ASPHALT	5.00 mg/M3	N/est	N/est	N/est	5.00 mg/M3
XYLENE (HAPS)	100.00 PPM	N/est	150.00 PPM	150.00 PPM	100.00 PPM

RESPIRATORY PROTECTION:

Use NIOSH approved respirator as required to prevent over-exposure. In confined spaces use a vapor/particulate respirator such as NIOSH approved No. TC-23C. In confined spaces use a constant flow air-line respirator such as NIOSH 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 splash goggles or face shield to prevent eye contact. Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

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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! FLAMMABLE. Handling and 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. 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 can create a fire hazard.

OTHER PRECAUTIONS:

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

SECTION 10. REGULATORY INFORMATION

SARA TITLE III SECTION 313:

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	CAS Number	Percent
XYLENE (HAPS)	1330-20-7	1.12

The information and recommendations contained herein are based on data believed to be correct. However, Dampney makes no warranty expressed 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 the user to ensure that this material is properly and safely used.