

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 1 of 10

SECTION 1. IDENTIFICATION

Product Name: APEXIOR No. 3
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 CCN6206

Product Class: INDUSTRIAL COATING
Trade Name: APEXIOR
Product Code: 003
UN Number: UN1263
Shipping Name: PAINT

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification
Flammable liquids : Category 3
Acute toxicity (inhalation) : Category 4
Acute toxicity (dermal) : Category 4
Skin irritation : Category 2
Eye irritation : Category 2A
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)
Specific target organ toxicity - single exposure : Category 3 (Respiratory system)
Specific target organ toxicity - repeated exposure : Category 2 (Liver, Kidney, Central nervous system)

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 2 of 10

Specific target organ : Category 2
toxicity - repeated exposure
(Oral)
Aspiration hazard : Category 1

GHS Label Elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H312 + H332 Harmful in contact with skin or if inhaled.

Precautionary statements : Prevention:
P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating, lighting, mixing, application, equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust, fume, gas, mist, vapours, spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 3 of 10

P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection,
P312 Call a POISON CENTER/doctor/hospital emergency room/if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P331 Do NOT induce vomiting.
P362 Take off contaminated clothing.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/hospital emergency room.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P370 + P378 In case of fire: Use dry chemical, CO2, water spray (fog) or foam to extinguish.
Storage:
P405 Store locked up.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:
P501 Dispose of contents/container in accordance with local, state and federal regulations.

SECTION 3. COMPOSITION/INFORMATON ON INGREDIENTS

Table with 4 columns: Ingredient Name, CAS Number, Percent, TSCA. Rows include MINERAL SPIRITS (64742-88-7, 48.00, Y), ASPHALT (8052-42-4, 26.00, Y), and XYLENE (HAPS) (1330-20-7, 4.00, Y).

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

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 4 of 10

** SPECIAL REMARKS ON ABOVE LISTED INGREDIENTS **

Technical grade xylene contains 18-20% ethyl benzene CAS # is 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.

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SECTION 4. FIRST AID MEASURES

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.

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SECTION 5. FIRE FIGHTING MEASURES

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 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.

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 5 of 10

SECTION 6. ACCIDENTAL RELEASE MEASURES

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 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.

SECTION 7. HANDLING AND STORAGE

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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Table with 5 columns: ACGIH TLV, ACGIH TLV-C, ACGIH STEL, OSHA STEL, OSHA PEL. Rows include MINERAL SPIRITS and ASPHALT.

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 6 of 10

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.

OTHER PROTECTIVE EQUIPMENT:

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: VISCOUS LIQUID
Appearance/Color: BLACK
Odor: HYDROCARBON SOLVENT
pH Value: Not Applicable
Boiling Range: 318.°F
Melting Point: Not Applicable
Evaporation Rate: 0.092 times Slower than n-Butyl Acetate
Vapor Density: Heavier than air
Partition Coefficient: Not Available
% Volatile Weight: 52.%
% Volatile Volume: 58.%
Specific Gravity: 0.889
Weight/Gallon: 7.4 lbs
VOC: 3.8 LBS/GAL
Heavy Elements (ppm): 0.
Flammability Class: 3
Flash Range: 102.°F
Pensky-Martens Closed Cup ASTM D 93
Explosive Range: 0.9%
7.%

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 7 of 10

SECTION 10. STABILITY AND REACTIVITY

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.

SECTION 11. TOXICOLOGICAL INFORMATION

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	Rat	LC50 4 HOURS 5000. PPM
Oral	Rat	LD50 4300. mg/kg
Skin	Rabbit	LD50 1700. mg/kg

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

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 8 of 10

suggested as a cause of central nervous effects in humans.
Human health risks may vary from person to person, exposure
should be minimized.

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 12. ECOLOGICAL INFORMATION

MINERAL SPIRITS

Toxicity to fish : LL50 *Oncorhynchus mykiss* (rainbow trout)): 25 mg/l
Exposure time: 96 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia : EL50 *Daphnia magna* (Water flea)): 1.4 mg/l
and other aquatic : Exposure time: 48 h
invertebrates : Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EL50 (*Pseudokirchneriella subcapitata*
(green algae)): 1 mg/l
Endpoint: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

XYLENE

Toxicity to fish : LC50 *Oncorhynchus mykiss* (rainbow trout)): 2.6 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia : EC50 *Daphnia magna* (Water flea)): 1 mg/l
and other aquatic : Exposure time: 24 h
invertebrates : Test Type: static test

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 9 of 10

Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata
(green algae)): 4.36 mg/l
Endpoint: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment
Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

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SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Assure conformity with applicable federal, state and local regulations.

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SECTION 14. TRANSPORT INFORMATION

GROUND - US-DOT/CAN-TDG/EU-ADR/APEC-ADR:

Proper Shipping Name:	Paint	ID Number:	UN1263
Hazard Class:	3	Labels:	Flammable liquid
Packing Group:	III		

AIRCRAFT - ICAO-AITA:

Proper Shipping Name:	Paint	ID Number:	UN1263
Hazard Class:	3	Labels:	Flammable liquid
Packing Group:	III		

VESSEL - IMO-IMDG:

Proper Shipping Name:	Paint	ID Number:	UN1263
Hazard Class:	3	Labels:	Flammable liquid
Packing Group:	III		

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SECTION 15. 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

MATERIAL SAFETY DATA SHEET

MSDS Name: APEXIOR No. 3
MSDS Number: APEX 3
Version Number
MSDS Date: JUL-03-2014
Page Number: 10 of 10

Planning and Community Right to Know Act of 1986 and of 40 CFR
372:

Ingredient Name	CAS Number	Percent
XYLENE (HAPS)	1330-20-7	4.00

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SECTION 16. OTHER INFORMATION

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.