

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: ANCHORSEAL - Winterized with methanol**

DATE PREPARED: October 7, 2008

### 1. IDENTIFICATION

Identity (as used on label and listings): ANCHORSEAL - Winterized  
Chemical Family/Specific Type: Water-based emulsions / aqueous emulsion of paraffin wax  
Manufacturer: U-C Coatings Corporation Telephone Number: 716-833-9366  
 P. O. Box 1066 Fax Number: 716-833-0120  
 Buffalo, NY 14215 U.S.A. Emergency Telephone No.: 716-833-9366

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Approximate %</u>	<u>CAS No.</u>
Petroleum Wax	40 - 45%	64742-61-6
Methanol (methyl alcohol)	7.5%	67-56-1

### 3. HAZARDS RATINGS (HMIS) OF THE PRODUCT

Explanation of Hazards Ratings: HEALTH: 1 FLAMMABILITY: 1  
 REACTIVITY: 0 PROTECTIVE EQUIPMENT: C  
 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard  
 Protective Equipment: C = safety glasses + gloves + apron

General: ANCHORSEAL is generally harmless to handle provided that certain precautions normally taken when handling paints and chemicals are observed.

Inhalation: Vapor pressure is very low, so inhalation is not normally a problem. Avoid heating the product - heating above 212°F/100°C may cause vapors causing irritation of the nose, throat and respiratory system

Eye Contact: Causes irritation to the eyes.

Skin Contact: Repeated or prolonged skin contact may cause dermatitis or defatting.

Ingestion: Not expected to be acutely toxic. Swallowing 15 - 50 ounces (1 - 3 pints) / 450cc - 1500cc could cause death or serious irreversible injury, such as blindness, due to methanol content.

### 4. FIRST AID MEASURES

Inhalation: If irritation or headache occurs, remove to fresh air. Seek medical attention if symptoms continue.

Eye Contact: Flush eyes immediately with large amounts of water, using soap if possible. If irritation continues, seek medical attention.

Skin Contact: Wash skin with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting (aspiration hazard). Drink 1-2 quarts / liters of water and seek medical help immediately for ingestion of wax and water emulsion containing 7.5% methanol by weight.

### 5. FIRE FIGHTING MEASURES

Flash Point: 130°F (Pensky-Martens Closed Cup) Boiling Point: 190°-212°F / 88°-100°C

Extinguishing Media: Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), foam. Do not direct solid stream of water or foam into burning pools.

Fire Fighting Instructions: Avoid breathing smoke and vapor.

Fire Fighting Equipment: Self-contained breathing apparatus and protective clothing.

Other Fire or Explosion Hazards: Incomplete combustion can produce carbon monoxide.

Other Information: ANCHORSEAL with methanol antifreeze is not rated as a flammable or ignitable product. Water containing less than 20% methanol by volume is not considered ignitable (ref: Title 40, §261.21). ANCHORSEAL is a water-based emulsion with less than 20% methanol per volume of water.

### 6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Large spills: contain with dikes, collect, and filter for reuse. Small spills: collect or absorb with oil absorbent pads. Clean contaminated areas with soap and water. All spill response and disposal should be carried out in accordance with national and local requirements.

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**7. HANDLING AND STORAGE**

Handling: Do not swallow; avoid exposure to eyes and skin; use in areas with normal ventilation.

Storage: Store at ambient temperature. Avoid high heat or open flames.

General: Keep containers closed to minimize evaporation and skin formation. Store above 32°F / 0°C for ease of use and to avoid gradual thickening at lower temperatures.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits: Ingredient: *Methanol CAS No. 67-56-1*  
*ACGIH: 260 mg/m<sup>3</sup> (200 ppm)*  
*OSH: 260 mg/m<sup>3</sup> (200 ppm)*

Ventilation: Good ventilation in work area, atmospheric pressure.

Personal Protection: Eyes: safety glasses or splash goggles

Hands: rubber gloves

Other: synthetic apron for cleanliness

**9. PHYSICAL & CHEMICAL CHARACTERISTICS**

Appearance and Odor: Creamy white or colored liquid of paint-like consistency; slightly oily/waxy odor.

Boiling Point: 212°F / 100°C

Specific Gravity: .96

Vapor Pressure: same as water

Melting Point: 10°F / -12°C

Vapor Density (air = 1): same as water

Evaporation Rate (butyl acetate = 1): < 1

Solubility In Water: infinitely diluteable

Flash Point: 130°F (Pensky-Martens Closed Cup)

pH: 8.5 – 8.7 (normal range)

(Flash point of dried wax is > 400°F/200°C)

Volatile Organic Compounds: Methanol: 0.655 lbs./gal. in product 7.5% by weight of product

0.141 lbs./lb. of solids 9% by volume of product

Volatile Hazardous Air Pollutants: Methanol: 0.655 lbs./gal. in product 7.5% by weight of product

0.141 lbs./lb. of solids 9% by volume of product

**10. STABILITY AND REACTIVITY**

Stability: Stable under normal temperatures and pressures

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Burning may produce carbon monoxide and/or carbon dioxide

**11. TOXICOLOGICAL INFORMATION**

Product is practically non-toxic and non-irritating.

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Not a hazardous waste when dried. Where recovery and reuse is not possible, dry water out of product and dispose of as industrial waste.

**14. TRANSPORTATION INFORMATION**

ADR/RID: Not regulated

IMDG: Not regulated

ICAO/IATA: Not regulated

**15. REGULATORY INFORMATION**

The ingredients in this product are in the TSCA, MITI, AICS, DSL inventories.

**16. OTHER INFORMATION**

Please consult product and application information for the proper use of this product.