

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: BATES Boothcoating/Glue Release (freeze stable)**

**DATE PREPARED: October 20, 2010**

## 1. IDENTIFICATION

Identity (as used on label and listings): BATES Boothcoating/Glue Release + Freeze Stable sticker

Chemical Family/Specific Type: Water-based emulsions / aqueous emulsion of wax and oil

<u>Manufacturer:</u>	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 Oil	26.2%	64742 - 52 - 5
Petroleum Wax	17.6%	64742 - 61 - 6
Ethylene Glycol	5.0%	107 - 21 - 1

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

HEALTH: 1

FLAMMABILITY: 1

Explanation of Hazards Ratings:

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: BATES is generally harmless to handle provided that certain precautions normally taken when handling cleaning products and chemicals are observed.

Inhalation: Vapor pressure is very low, so inhalation is not normally a problem. Avoid heating the product --- heating 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. Ethylene glycol ingredient may cause abdominal pain, nausea, vomiting.

## 4. FIRST AID MEASURES

Inhalation: 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). Seek medical help immediately for ingestion of petroleum distillates and ethylene glycol.

## 5. FIRE FIGHTING MEASURES

Flash Point: No flash - boils at 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.

## 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.

## 7. HANDLING AND STORAGE

Handling: Do not swallow; use normal precautions to 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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits: Ingredient: *Ethylene Glycol* CAS No. 107-21-1  
ACGIH: 100 mg/m<sup>3</sup> (39.4 ppm) ceiling, aerosol  
OSH: 127 mg/m<sup>3</sup> (50 ppm) ceiling, vapor and mist

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 colored liquid of paint-like consistency

Boiling Point: 212°F / 100°C Specific Gravity: .94

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: No flash - boils at 190° - 212°F / 88° - 100°C

Volatile Organic Compounds: Ethylene glycol, an organic compound, is not volatile (vapor pressure = .08mmHg) but has not been exempted as a volatile organic compound. Refer to local state, province, or national regulations to determine if ethylene glycol is considered a volatile organic compound by your regulatory authorities.

Volatile Hazardous Air Pollutants: Ethylene glycol: 0.4 lbs./gal. in product 5.0% by weight of product  
0.71 lbs./gal. of solids 4.3% by volume of product

Organic Hazardous Air Pollutant Solvents: None (ethylene glycol is not used for dissolving or dispersing the constituents of the coating or for adjusting the viscosity of the coating and does not evaporate during drying, but rather becomes part of the dried film).

**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. Where recovery and reuse is not possible, dry water out of product and dispose of as industrial waste or by incineration where permitted under national and local regulations.

**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.