

SAFETY DATA SHEET

PRODUCT NAME: BATES HTR-1

DATE PREPARED: October 1, 2016

1. IDENTIFICATION

Identity (as used on label and listings): BATES HTR-1

Chemical Family/Specific Type: Water-based emulsions / aqueous emulsion of propylene-ethylene copolymer

Recommended Use: Protective release agent against adhesives and finishes

<u>Manufacturer:</u>	U-C Coatings, LLC	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. HAZARD(S) IDENTIFICATION

Health Hazards:

Ingestion	Category 4
Skin irritation	Category 3
Eye irritation	Category 2B

Hazard Pictogram:

Signal Word: **WARNING**
Hazard Statements: Physical Hazards: None

Health Hazards: H316 Causes mild skin irritation
H320 Causes eye irritation

Environmental Hazards: This substance is not expected to be toxic to aquatic organisms. However, it is still advised that this substance does not enter the environment.

Precautionary Statements:

Prevention: P264 Wash affected areas thoroughly after handling
P280 Wear protective gloves and eye protection

Response: P330 IF SWALLOWED: Rinse mouth. Drink 1-2 liters of water. Do not induce vomiting unless instructed by medical personnel. Seek medical attention.
P302 IF ON SKIN: Wash with plenty of with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.
P305 IF IN EYES: Flush eyes immediately with large amounts of water. Remove contact lenses if present and easy to do. If irritation continues, seek medical attention.

Storage: Store above 32°F / 0°C to avoid damage at lower temperatures.

Disposal: P501 Dispose of contents/container in accordance with local, regional and federal regulations.

NFPA/HMIS Ratings (scale 0-4): HEALTH = 1 FIRE = 0 REACTIVITY = 0 (0 = Minimal Hazard 4 = Severe Hazard)
Protective Equipment: Protective gloves and eye protection

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture / water-based emulsion

<u>Main Ingredients:</u>	Emulsion of propylene-ethylene copolymer	<u>CAS No.</u>	64742-52-5	7-9%
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Classified Ingredients: None

No ingredients are present which contribute to this product's GHS Hazard Categorization as prescribed by OSHA's Hazard Communication 29 CFR 1910.1200

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4. FIRST AID MEASURES

- After Eye Contact: Flush eyes immediately with large amounts of water. Remove contact lenses if present and easy to do. If irritation continues, seek medical attention.
- After Skin Contact: Wash with plenty of soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.
- After Swallowing: Rinse mouth. Drink 1-2 liters of water. Do not induce vomiting unless instructed by medical personnel. Seek medical attention.
- Most important symptoms and effects, both acute and delayed: No further relevant information available.
- Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. FIRE FIGHTING MEASURES

- Extinguishing Media: Not applicable – not flammable or combustible.
- Other Fire or Combustion Hazards: Not applicable – not flammable or combustible.
- Fire Fighting Instructions: Not applicable – not flammable or combustible.
- Fire Fighting Equipment: Not applicable – not flammable or combustible.

6. ACCIDENTAL RELEASE MEASURES

- Personal Protection: Wear protective gloves and eye protection plus rubber boots when containing large spills.
- Precautions: Do not allow to enter sewers / surface or ground water.
- Containment and Clean-up: 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 local, regional and federal regulations.

7. HANDLING AND STORAGE

- General: Keep containers closed to minimize evaporation and skin formation.
- Handling: Use normal precautions and protective equipment to avoid exposure to eyes and skin.
- Storage: Store at ambient temperature, above 32°F / 0°C for ease of use and to avoid gradual thickening at lower temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Classified Ingredient: *None*
- Exposure Limits: *N/A*
- Ventilation: Good ventilation in work area, atmospheric pressure.
- Personal Protection: Eyes: safety glasses or splash goggles
Hands: protective gloves
Other: synthetic apron for cleanliness

9. PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State: Liquid Odor: very slight resin odor
- Appearance/Color: Slightly white liquid of milk-like consistency
- Viscosity: 800 – 2000 Cps at 25°C / 77°F (LVT Brookfield)
- Flash Point: No flash - boils at 100°C / 212°F Auto ignition temperature: n/a
- Boiling Point: 100°C / 212°F Melting Point: °C / 32°F

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9. PHYSICAL & CHEMICAL CHARACTERISTICS (continued)

Vapor Pressure: same as water

Specific Gravity: 1.01 typical

Vapor Density (air = 1): same as water

Evaporation Rate (butyl acetate = 1): <1

Solubility In Water: infinitely diluteable

Volatile Organic Compounds: None.

10. STABILITY AND REACTIVITY

Reactivity: Non-reactive under normal temperatures and conditions.

Chemical Stability: Stable under normal temperatures and conditions.

Possibility of Hazardous Reactions: Under normal temperatures and conditions, hazardous reactions will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Under normal temperatures and conditions, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

No known health hazard, no data available.

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 an oil and wax industrial waste or by incineration where permitted under local, regional, or federal 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

This SDS was prepared 1 October, 2016.