

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GEMPAINT*PLUS - Winterized with methanol

DATE PREPARED: October 20, 2010

1. IDENTIFICATION

Identity (as used on label and listings): GEMPAINT*PLUS - Winterized

Chemical Family/Specific Type: Water-based paint mixture

<u>Manufacturer:</u>	U-C Coatings Corporation, LDI	<u>Telephone Number:</u>	716-833-9366
	P. O. Box 1066	<u>Fax Number:</u>	716-833-0120
	Buffalo, NY 14215 U.S.A.	<u>Emergency Telephone No.:</u>	716-833-9366

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Approximate %</u>	<u>CAS No.</u>
Methanol	7%	67 - 56 - 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: GEMPAINT*PLUS is generally harmless to handle provided that certain precautions normally taken when handling paints and chemicals are observed. May cause irritation of the eyes, skin, mucous membranes or gastrointestinal lining.

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 severe irritation or rash.

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). Seek medical help immediately for ingestion of water-based paint containing 7% 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 (CO₂), 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: GEMPAINT*PLUS 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). GEMPAINT*PLUS is a water-based paint with less than 20% methanol per volume of water.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Large spills: contain with dikes, add absorbent; allow to dry before disposal. Small spills: collect or absorb with 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.

PRODUCT NAME: GEMPAINT*PLUS - Winterized with methanol**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/m³ (200 ppm)
OSH: 260 mg/m³ (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: Colored liquid of paint-like consistency; with slight odor.

Boiling Point: 212°F / 100°C Specific Gravity: 1.1

Vapor Pressure: same as water Melting Point: 28°F / - 3°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)

Volatile Organic Compounds: Methanol: 0.66 lbs./gal. in product 7.2% by weight of product
 0.133 lbs./lb. of solids 9% by volume of product

Volatile Hazardous Air Pollutants: Methanol: 0.66 lbs./gal. in product 7.2% by weight of product
 0.133 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.