

Material Safety Data Sheet



Product : Air-Dry Permenamel Clear Gloss Glaze; Air-Dry Permenamel Satin Glaze

SECTION 1 - Company Identification

Delta Creative, Inc.
2690 Pellissier Place
City of Industry, CA 90601

Telephone number: 562-692-7523

MSDS Date Prepared: 11/3/06

SECTION 2 - Composition/Information on Ingredients

<u>Ingredient name</u>	<u>CAS #</u>	<u>Wt %</u>
N-methyl-2-pyrrolidone	872-50-4	5.8-6.7
Triethylamine	121-44-8	1.0-1.2
Water	7732-18-5	50-55

SECTION 3 -Health Hazard Data

Carcinogenicity:	<u>NTP</u>	<u>IARC Monographs</u>	<u>OSHA Regulated</u>
	No	No	No

Route(s) of entry: Skin contact, ingestion.

Health Hazards (Acute and Chronic): Can cause irritation of the eyes, skin, lungs, and gastrointestinal tract.

Signs and Symptoms of exposure: **Inhalation:** May cause irritation of the respiratory passages.. **Skin and eye contact:** Skin contact may cause reddening. Eye contact may cause reddening and tearing. **Ingestion:** Irritation of the mouth, pharynx, esophagus, and stomach can occur.

Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 4 - First Aid Measures

Eye contact: Flush eyes with a large amount of water for at least 15 minutes. **Skin Contact:** Wash affected areas thoroughly with soap and water. **Ingestion:** If swallowed, give two glasses of water to drink. **Inhalation:** Move person to fresh air. Call a physician if symptoms persist.

SECTION 5 -Fire and Explosion Hazard Data

<u>Flash point method used</u>	<u>Flammable limits</u>	<u>LEL</u>	<u>UEL</u>
Not applicable	None	None	None

Extinguishing Media: Dry chemical, CO₂, water fog. This aqueous product by itself will not burn.

Special Fire Fighting Procedures: The dried product, if burning, will produce carbon oxides and smoke.

Unusual Fire and Explosion Hazards: None

SECTION 6 - Accidental Release Measures

For large spills, use appropriate containment to avoid environmental contamination. Prevent from spreading or entering into drains, ditches, or rivers by using sand, earth, or other appropriate barriers. Use absorbent material to soak up spill. Spill areas can be slippery to walk on. Dried refuse may be disposed of according to local, state and federal regulations.

SECTION 7 -Precautions for Safe Handling and Use

Precautions to Be Taken in Handling and Storing: Keep away from the eyes. Avoid prolonged skin contact or drying of product on the skin. Do not ingest. Avoid breathing in the vapors. Avoid storing in areas exposed to direct sunlight. Keep from freezing temperatures. Store in a cool dry place. Keep container tightly closed when not in use.

SECTION 8 -Control Measures

Product should be used in a room with general ventilation. Special ventilation is not required. Gloves and protective glasses may be worn, but not required. Long sleeve garments may be worn to minimize contact with skin.

Work/Hygienic Practices: Wash hands with soap and water after use. Close container tightly.

Triethylamine: The OSHA PEL for triethylamine is 25ppm (100mg/m³), 8-hour TWA. The ACGIH TLV for triethylamine is 1ppm (4mg/m³) with a skin notation, and the ACGIH STEL is 3ppm (12mg/m³).

N-methyl-2-pyrrolidone: The American industrial Hygiene Association Workplace Environmental Exposure Level (WEEL) for N-methyl-2-pyrrolidone is 10 ppm, 8-hour TWA, with a skin notation.

SECTION 9 -Physical/Chemical Characteristics

Boiling Point N/A
 Melting Point N/A
 Vapor Pressure (mm Hg.) N/A
 Vapor Density (AIR = 1) N/A
 Specific Gravity (H₂O = 1) 1.0
 Evaporation Rate (Butyl Acetate = 1) <1
 Solubility in Water: Soluble in water.
 pH 8.5-9.5
 Appearance and Odor: A pourable liquid with a mild amine odor.

SECTION 10 -Reactivity Data

Stability: Unstable _____ Stable x
 Conditions to avoid: None.
 Incompatibility (Materials to Avoid): Strong acids.
 Hazardous Decomposition or Byproducts: None.
 Hazardous Polymerization: May Occur Will not occur x

SECTION 11 - Toxicological Information

No data available.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Waste Disposal Method: Dried refuse may be disposed of according to local, state, and federal regulations. Check with local authorities for details on disposal.

Section 14 - Transport Information

DOT: Not regulated. IATA: Not regulated. CERCLA RQ: None.

Section 15 - Regulatory

California Prop 65: WARNING. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Other information

Delta Technical Coatings, Inc. Assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by this product. Such vendees assume all risks associated with the use of this product.

HMIS SYMBOL		RATING	
HEALTH	1	SEVERE	4
FLAMMABILITY	0	SERIOUS	3
REACTIVITY	0	MODERATE	2
		SLIGHT	1
		MINIMAL	0