

02975-1009



Material Safety Data Sheet

Product : Air-Dry Permenamel Surface Conditioner

SECTION 1 - Company Identification

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

Telephone number: 562-695-7969

MSDS Date Prepared: 9/30/11

SECTION 2 - Composition/Information on Ingredients

Ingredient name	CAS #	Wt %
Isopropanol	67-63-0	>95%
Proprietary bonding agent	Proprietary	0.1-1.0%

SECTION 3 - Health Hazard Data

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	No	No	No

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

Health Hazards (Acute and Chronic): Will cause eye irritation and stinging if eye contact occurs.

Signs and Symptoms of exposure: **Inhalation:** Excessive exposure can lead to irritation of the nose, throat, and airways. **Skin and eye contact:** Will cause eye irritation and stinging with eye contact. May cause slight skin irritation. **Ingestion:** Excessive exposure can lead to stomach upset, central nervous system depression, loss of coordination.

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. If the individual is unconscious or drowsy, do not give anything by mouth. Place the individual on the left side with the head down. Consult a physician. **Inhalation:** If symptoms develop, immediately move the individual away from exposure and into fresh air. If person is not breathing, begin artificial respiration.

SECTION 5 - Fire and Explosion Hazard Data

Flash point method used	Flammable limits:	LEL	UEL
53F (11C), TCC		2	12

Extinguishing Media: Dry chemical, CO₂, foam.

Special Fire Fighting Procedures: Water may be ineffective. Water may be used to keep fire-exposed containers cool until the fire is out. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from the material handling point.

SECTION 6 - Spill and Leak Measures

See Section 5 regarding fire hazard. 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 - Safe Handling and Use

Precautions to Be Taken in Handling and Storing: Avoid storing in areas exposed to direct sunlight. Store in a cool dry place. Keep container tightly closed when not in use. Keep away from ignition sources.

SECTION 8 - Control Measures

Respiratory protection is not required. 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.

SECTION 7: Physical Characteristics

Boiling Point	180F (82C)
Melting Point	N/A
Vapor Pressure (mm Hg.)	33 mm Hg @ 68F
Vapor Density (AIR = 1)	2.07
Specific Gravity (H ₂ O = 1)	0.8
Evaporation Rate (Ethyl Ether = 1)	7.7
Solubility in Water:	Soluble in water.
pH	no data

Appearance and Odor: A clear pourable liquid with the odor like rubbing alcohol.

SECTION 8: Stability and Reactivity

Stability: Unstable Stable

Conditions to avoid: Keep away from ignition sources.

Incompatibility (Materials to Avoid): Strong acids and alkalis.

Hazardous Decomposition or Byproducts: Carbon oxides.

Hazardous Polymerization: May Occur Will not occur

SECTION 9: Toxicological Information

No data available.

SECTION 10: Ecological Information

No data available.

SECTION 11: Disposal Information

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 12: Other Information

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

Other

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

	1
	3
REACTIVITY	0

SEVERE	4
SERIOUS	3
MODERATE	2
SLIGHT	1
MINIMAL	0



Material Safety Data Sheet

Product : Air-Dry Permenamel Frost

SECTION 1 Identification

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

Telephone number: 562-695-7969

MSDS Date Prepared: 4/7/11

SECTION 2 Information on Ingredients

Ingredient name	CAS #	Wt %
N-methyl-2-pyrrolidone	872-50-4	1.4-1.6
Triethylamine	121-44-8	0.2-0.3
Water	7732-18-5	50-55

SECTION 3 Hazard Data

Carcinogenicity:	NTP	IARC Monographs	OSHA Regulated
	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 Hazard Data

Flash point method used	Flammable limits	LEL	UEL
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 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 Exposure Controls/Personal Protection

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.

Boiling Point	N/A
Melting Point	N/A
Vapor Pressure (mm Hg.)	N/A
Vapor Density (AIR = 1)	N/A
Specific Gravity (H ₂ O = 1)	1.1
Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water:	Soluble in water.
pH	8.0-9.0

Appearance and Odor: A pourable liquid with a mild amine odor.

Stability:	Unstable	Stable
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Conditions to avoid: None.

Incompatibility (Materials to Avoid): Strong acids.

Hazardous Decomposition or Byproducts: None.

Hazardous Polymerization:	May Occur	Will not occur
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

No data available.

No data available.

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

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

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

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.

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