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4-26-04 ✓

Delta Technical Coatings, Inc.

Material Safety Data Sheet

* Perm Enamel Glass Etching Kit *

IDENTITY (As Used on Label and Use) Delta Glass Etch Paint		<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>	
Manufacturer's Name Delta Technical Coatings, Inc.		Emergency Telephone Number (800) 423-4135	
Address 2550 Pellissier Place		Telephone Number for Information (562) 695-7969	
Whittier, California 90601-1505		Date Prepared Rev. 3/20/01	
		Signature of Preparer (optional)	

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGH TLV	Other Limits	% (optional)
None	N/A	N/A	N/A	N/A

Boiling Point	250F	Specific Gravity (H ₂ O = 1)	1.02 - 1.05
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1

Solubility in Water
Dilutable

Appearance and Odor
A white creamy texture paint with a mild sweet odor.

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
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Extinguishing Media
Dry chemical, CO₂, water fog

Special Fire Fighting Procedures
N/A

Unusual Fire and Explosion Hazards
Product will not burn but may spatter if temperature exceeds boiling point. Dry film may burn and give off oxides of

Carbon/Nitrogen.

V. 3800

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Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid N/A
	Stable	<input checked="" type="checkbox"/>	

Incompatibility (Materials to Avoid)

Strong acids and alkalis.

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid N/A
	Will Not Occur	<input checked="" type="checkbox"/>	

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	No

Health Hazards (Acute and Chronic)

None

Carcinogenicity:	NTP?	IARC Monographs	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Inhalation: No known signs or symptoms associated with exposure to product.

Skin & Eye: No known signs or symptoms associated with exposure to product.

Ingestion: No known signs or symptoms associated with exposure to product.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedures

Inhalation: Move subject to fresh air. 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. Consult a physician.

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~~SECTION 6: Spills and Leaks~~

Steps To Be Taken in Case Material is Released or Spilled

Control spill with paper towel. Dried refuse may be disposed of according to local, state and federal regulations.

Waste Disposal Method

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

Precautions to Be Taken in Handling and Storing

Avoid storing in areas exposed to direct sunlight. Keep from freezing temperatures. Store in a cool, dry place.

Other Precautions

Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

~~SECTION 7: Exposure Controls~~

Respiratory Protection (Specify Type)

Verification	Local Exhaust	Recommended	Special	None
	Mechanical (General)	May be used	Other	None

Protective Gloves

Impervious plastic or rubber.

Protective Glasses

Safety glasses may be worn to avoid eye contact.

Other Protective Clothing or Equipment

Long sleeve garments may be worn to avoid contact with skin.

Work Hygienic Practices

Clean-up with soap and water. Wash hands with soap and water after using product. Close container tightly.

~~SECTION 8: Exposure Controls~~

Delta Technical Coatings, Inc. Assumes no responsibility for personal injury or property damage to vendees,

users or third parties caused by the product. Such vendees assumes all risks associated with the use of this product.

HMIS SYMBOL	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

RATING	
SEVERE	4
SERIOUS	3
MODERATE	2
SLIGHT	1
MINIMAL	0

Transportation Information:

D.O.T. : Not Regulated

I.A.T.A.: Not Regulated

CERCLA RQ: None

Delta CeramDecor Air-Dry PermEnamel Surface Conditioner

Delta Technical Coatings, Inc.

Material Safety Data Sheet

IDENTITY (As Used on label and List) PermEnamel Surface Conditioner	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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SECTION I:

Manufacturer's Name Delta Technical Coatings, Inc.	Emergency Telephone Number (800) 423-4135
Address 2550 Pellissier Place	Telephone Number for Information (562) 695-7969
Whittier, California 90601-1505	Date Prepared Rev. 3/16/01
	Signature of Preparer (optional)

SECTION II - Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
2-Propanol (cas# 67-63-0)	N/A	TWA400ppm	500ppmSTEL	99

SECTION III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.03
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1

Solubility in Water
Dilut

Appearance and Odor
Crystal clear liquid with a strong alcohol odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	54 degrees F (12.2C) (TCC)	Flammable Limits	.@ 77 degrees F	LEL	2.5	UEL	12.7
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Extinguishing Media
Water fog.

Special Fire Fighting Procedures
Use water spray to cool fire exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited

use water spray to disperse the vapors.

Unusual Fire and Explosion Hazards
Flammable Liquid, can release vapors that form flammable mixtures at temperatures at/or above the flashpoint.

SECTION V - Reactivity Data

Stability	Unstable	Conditions to Avoid
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Delta CeramDecor Air-Dry ParmEnamel Surface Conditioner

		Not applicable
Stable	X	

Incompatibility (Materials to Avoid)

Caustics, amines, alkanolamines, aldehydes, strong oxidizing agents, or chlorinated compounds.

Hazardous Decomposition or Byproducts

Thermal breakdown during fire can evolve the following: Silicon and carbon oxides. Formaldehyde.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

SECTION VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	No

Health Hazards (Acute and Chronic)

Ingestion: Low toxicity. Inhalation: Not volatile vapors may be released at temperatures above 235C.

when Isopropanol was administered to pregnant rabbits by gavage.

Carcinogenicity:	NTP?	IARC Monographs	OSHA Regulated?
	No	No	Yes

Signs and Symptoms of Exposure

Inhalation: Adverse health affects from vapors in poorly ventilated areas may include irritation of the mucous membranes of the nose, throat and respiratory tract and symptoms of headache and nausea.

Skin & Eye: Prolonged and repeated contact with product may cause skin irritation. Prolonged contact with product may result in eye irritation.

Ingestion: Nausea and/or vomiting may occur in ingested.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedures

Inhalation: Move subject to fresh air. 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. Consult a physician. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

Delta CeramDecor Air-Dry PermEnamel Surface Conditioner

SECTION VII - Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released or Spilled

Eliminate sources of ignition. Prevent liquid from entering sewers by berming with sand or earth. Do not use sawdust. Recover by explosion proof pump or with suitable absorbant.

Waste Disposal Method

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Precautions to Be Taken in Handling and Storing

Keep container closed. Store in a cool, well ventilated place away from incompatibility materials. DO NOT store near open flame, heat or other sources of ignition.

Other Precautions

Do not pressurize, cut, heat or weld containers. Empty product containers may contain residue.

***THIS PRODUCT IS NOT A STATIC ACCUMULATOR, BUT USE PROPER GROUNDING PROCEDURES.**

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	Recommended	Special	None
	Mechanical (General)	explosion proof	Other	None

Protective Gloves

Chemical resistant gloves.

Protective Glasses

Safety glasses may be worn to avoid eye contact.

Other Protective Clothing or Equipment

Long sleeve garments may be worn to avoid contact with skin.

Work/Hygenic Practices

Clean-up with soap and water. Wash hands with soap and water after using product. Close container tightly.

SECTION IX - Disclaimer

Delta Technical Coatings, Inc. Assumes no responsibility for personal injury or property damage to vendees,

users or third parties caused by the product. Such vendees assumes all risks associated with the use of this product.

HMIS SYMBOL

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

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SLIGHT	1
MINIMAL	0

Transportation Information:

D.O.T. : Consumer Commodity
 I.A.T.A.: Cons. Comm. ORM-D AIR
 CERCLA RQ: None