

# Material Safety Data Sheet

## Identity

Trade Secret Touch Up Markers

## Section I - Chemical Product and Company Identification

<i>Manufacturer's Name</i> Dover Finishing Products	<i>Date Revised</i> 2015-05-15
<i>Address</i> 16789A Hymus Kirkland, QC H9H 3L4	<i>Telephone Number for information</i> 420-6030 FAX 514-420-6015

## Section II - Hazardous Ingredients/Identity Information

<i>Chemical Name</i>	<i>CAS #</i>	<i>Weight % (less than)</i>	<i>TLV-TWA</i>	<i>TLV-STEL</i>	<i>PEL-TWA</i>
Ethyl Alcohol	64-17-5	95.0%	1000ppm		1000ppm
Azo Dye	PROPRIETARY	5.0	N.E		N.E.

## Section III - Physical/Chemical Characteristics

<i>Boiling Point</i> 171-173	degF	<i>Specific Gravity (H2O)</i>	.794
<i>Vapor Pressure (mm Hg)</i>	Heavier than air	<i>Melting Point</i>	N/A
<i>Vapor Density</i>	6.764 #/gal	<i>Evaporation Rate (Butyl Acetate = 1)</i>	Faster than Butyl Acetate
<i>Solubility in water</i> Soluble	<i>VOC's ( Volatile Organic Compounds) by weight</i> 6.61 #/gal, 92.64%		
<i>Appearance and odor</i> Alcohol odor - colored liquid	<i>VHAP (Volatile Hazardous Air Pollutants) by weight</i> less than 1%		

## Section IV - Fire and Explosion Hazard Data

<i>Flash Point</i> 60 deg F TOC	<i>Flammable Limits</i>	<i>LEL</i> 3.3%	<i>UEL</i> 19%
<i>Extinguishing Media</i> alcohol foam, dry chemical, CO2, water fog			
<i>Special Fire Fighting Procedures</i> Use approved self contained breathing apparatus and full protective clothing			

## Unusual Fire & Explosion Hazards

Combustion may produce toxic fumes. Vapors may migrate to an ignition source and cause a flash fire. Isolate from heat, sparks, electrical equipment, appliances, pilot lights, and any other source of ignition.

## Section V - Reactivity Data

<i>Stability</i>	<i>Unstable</i>		<i>Conditions to avoid</i>
	<i>Stable</i>	X	stable under normal conditions. Avoid exposure to heat, sparks, and open flame.
<i>Incompatibility (Materials to avoid)</i> Avoid strong oxidizing agents			
<i>Hazardous Decomposition or byproducts</i> Carbon dioxide and/or carbon monoxide (combustion byproduct). Nitrogen oxides (combustion byproduct). Sulfur oxides (combustion byproduct).			
<i>Hazardous M</i>	<i>ay occur</i>		<i>Conditions to avoid</i>
<i>Polymerization</i>	<i>Will not occur</i>	X	N/A

## Section VI - Health Hazard Data

### Effects of Overexposure

Eye Contact - Causes eye irritation. Causes eye burns and skin irritation. Can cause severe eye irritation. A component of this product could cause eye damage possibly permanent

Inhalation - Vapor and spray mist harmful. Breathing of high vapor concentrations may produce narcosis. Vapor irritates eyes, nose and throat; is anesthetic. Inhalation of spray mists may cause severe lung irritation or lung damage.

Ingestion - Harmful or fatal if swallowed

### Routes of entry

Skin contact, Inhalation, Ingestion, and eye contact

### Health Hazards (acute or chronic)

Repeated exposure may cause lung, liver, and kidney effects

### Signs and Symptoms of Exposure

Breathing of high vapor concentrations may produce narcosis. Vapor irritates eyes, nose and throat; is anesthetic

### Emergency First Aid Procedures

Eye contact - Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult physician.

Skin contact - Wash with soap and water.

Inhalation - If aspirated, may cause severe lung damage (pneumonitis and/or pulmonary edema/hemorrhage) and present a significant hazard. Remove from exposure. If not breathing, give artificial respiration, preferably mouth to mouth. Contact physician immediately.

Ingestion - The decision of whether to induce vomiting or not should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control.

## Section VII - Precautions for Safe Handling and Use

### Steps to be taken if Material is released or Spilled

Remove all sources of ignition and provide ventilation. Use only non-sparking tools in the vicinity of the spill. Soak up with absorbent material.

### Waste Disposal Methods

Dispose of in accordance with local, State and Federal regulations

### Precautions to be taken in Handling and Storing

Avoid skin contact and overexposure to fumes. Store in a cool dry area away from any source of heat or flame.

## Section VIII - Personal Protection

### Respiratory Protection (specify type)

Use NIOSH/OSHA approved respirator if vapor levels exceed the current OSHA permissible exposure limits.

Ventilation Local	Exhaust	Special
	is usually adequate under normal usage	
M	mechanical (general)	Other

### Protective Gloves Eye

chemical resistant gloves (not required under normal usage)

### Protection

Safety glasses or goggles

### Other Protective Clothing or Equipment

N/A

### Work/Hygiene Practice

Wash hands thoroughly with soap and water before eating or smoking

## Section IX - Regulatory Information

### Sara Section 313 Reportable Chemicals

This product does not contain any 313 reportable chemicals

### HMIS Ratings

Health: 2 Flammability 3 Reactivity 0

### VHAP's Information

contains less than 1% VHAP's

**D O V E R  
Finishing  
Products**



**Les produits  
de finition  
D O V E R**

16789A Hymus, Kirkland, Quebec, Canada H9H 3L4  
Tel: (514) 420-6030 Toll Free: (800) 354-4445 Fax: (514) 307-6050

**MATERIAL SAFETY DATA SHEET**

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Revised Date: 2015-05-15

**PRODUCT IDENTIFICATION**

**Trade Name:**

Chemical Identity:

- **Trade Secret Crystal Clear Pro Finish**
- Concentrated urethane water emulsion seal and finish for wood and other surfaces

**PHYSICAL DATA**

- Boiling Point: • 100°C (212°F)
- Dens./ Specific Gravity: • (H<sub>2</sub>O = 1) • 1.05
- Solubility in Water: • Complete
- Appearance & Odor: • Milky liquid, bland odor
- Vapor Density (Air=1): • <1
- Evaporation Rate: • <0.4

**HAZARDOUS INGREDIENTS**

*Please refer to page 3 for a complete list of ingredients*

**FIRE & EXPLOSION HAZARDS**

- Flash Point: • N/A
- Method: • N/A
- Auto-Ignition Temperature: • N/A
- Flammable Limits in Air (% by Volume): • Lower: N/A Higher: N/A
- Extinguishing Media: • Use media proper to the primary cause of fire
- Burning Rate: • N/A
- Special Fire Fighting Procedures: • None
- Unusual Fire & Explosion Hazards: • None
- Whom To Contact in Case of Emergency:** • (514) 420-6030

**PROTECTION INFORMATION**

- Ventilation: • Mechanical ventilation is acceptable.
- Respiratory Protection: • None normally required with adequate room ventilation.
- Eye Protection: • As required to prevent splashing into eyes.
- Gloves: • Rubber to protect sensitive skin.
- Protective Clothing: • As needed to prevent wetting of clothing.
- Other Protective Measures: • Keep out of reach of children. Wash thoroughly after use.

## MATERIAL SAFETY DATA SHEET

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**Trade Name:** • **Trade Secret Crystal Clear Pro Finish**

### **HEALTH DATA**

Route of Entry:	• Ingestion.
<u>Effects of Overexposure</u>	
Skin:	• Prolonged or repeated exposure may cause irritation.
Eye:	• Direct contact may cause irritation.
Ingestion:	• May cause gastrointestinal irritation, nausea, diarrhea.
Inhalation:	• Prolonged exposure in poorly ventilated area may cause respiratory irritation.

### **FIRST AID**

Eyes:	• Flush immediately with water for 15 minutes holding lids open. Consult a physician.
Skin:	• Wash thoroughly with mild soap and water.
Ingestion:	• Drink 2-3 glasses of water. Consult a doctor immediately.
Inhalation:	• Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

### **TOXICOLOGICAL DATA**

Carcinogenicity: •	None
Teratogenicity: •	None
Mutagenicity: •	None
Reproductive Toxicity	• None
Toxicologically Synergistic Products	• None known
Medical Conditions Aggravated By Exposure:	• None known

### **REACTIVITY DATA**

Stability: •	Stable
Materials to Avoid	• None known
Hazardous Decomposition Products: •	N/A
Hazardous Polymerization:	• N/A

## MATERIAL SAFETY DATA SHEET

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**Trade Name:** • **Trade Secret Crystal Clear Pro Finish**

### **SPILL & DISPOSAL PROCEDURES**

- Spills & Leaks:** • Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.
- Waste Disposal:** • Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

### **STORAGE & HANDLING**

Store in a cool, dry, well ventilated area. Follow good housekeeping practices.

### **ECOLOGICAL DATA**

None available

### **TRANSPORTATION & CLASSIFICATION**

- Shipping Name:** • Consumer Commodity
- UN/NA Number:** • N/A
- Classification:** • Non-hazardous
- Packing Group:** • N/A

### **WHMIS HAZARDS CLASSIFICATION**

- Class D:** • Poisonous & infectious material.  
Division 2B - Causing chronic toxic and other effects

### **HAZARDOUS INGREDIENTS**

<u><b>Name</b></u>	<u><b>CAS Number</b></u>	<u><b>%</b></u>	<u><b>PEL</b></u>	<u><b>TLV</b></u>	<u><b>LD50</b></u>	<u><b>LC50</b></u>
Water	7732-18-6	5-10	N/E	N/E	N/D	N/D
Diethylene glycol monoethyl ether	111-90-0	5	N/E	N/E	5.4g/kg	N/D
Dibutyl phthalate	84-74-2	1	5mg/m <sup>3</sup> 5mg/m	<sup>3</sup>	20-25g/kg	N/D
Dipropylene glycol monomethyl ether	34590-94-8	1-5	100ppm	100ppm	7g/kg	N/D
Tributoxyethyl phosphate	78-51-3	1-5	N/E	N/E	9.4g/kg	30mg/m <sup>3</sup>
Acrylic Emulsion polymer	N/A	20-60	N/E	N/E	>5g/kg	N/D
Polyurethane emulsion	N/A	30-40	N/E	N/E	N/D	N/D

\*Mixture contains 5% Diethylene glycol monoethyl ether and 1% Dibutyl phthalate which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFFI, Part 372

**N/D = NOT DETERMINED      N/A = NOT APPLICABLE      N/E = NOT ESTABLISHED**

# Material Safety Data Sheet

*Identity*

Production/Trade Secret Fill Stick – All Colours

## Section I - Chemical Product and Company

### Identification

<i>Distributor's Name</i> Dover Finishing Products	<i>Date Revised</i> 2015-05-15
<i>Address</i> 16789A Hymus Kirkland, QC, H9H 3L4	<i>Telephone Number for information</i> 514-420-6030 <i>Emergency Number</i> 514-420-6030

## Section II - Hazardous Ingredients/Identity Information

- Various pigments in wax blends.
- No known hazardous/controlled ingredients

## Section III - Physical/Chemical Characteristics

<i>Boiling Point</i>	N/A	<i>Specific Gravity (H2O)</i>	0.92
<i>Vapor Pressure (mm Hg)</i>	N/A	<i>Melting Point</i>	58°
<i>Vapor Density</i>	N/A	<i>Evaporation Rate (Butyl Acetate = 1)</i>	N/A
<i>Solubility in water</i>	% Volatile by Volume		
Not Soluble	0%		
<i>Appearance and odor</i> Colored wax, light sweet odor			

## Section IV - Fire and Explosion Hazard Data

<i>Flash Point</i> N/A	<i>Flammable Limits</i> N/A	<i>LEL</i> N/A	<i>UEL</i> N/A
<i>Extinguishing Media</i> CO2, dry foam			
<i>Special Fire Fighting Procedures</i> Use water only on small fires			
<i>Unusual Fire &amp; Explosion Hazards</i> None			

## Section V - Reactivity Data

<i>Stability</i>	<i>Unstable</i>		<i>Conditions to avoid</i>
	<i>Stable</i>	X	N/A
<i>Incompatibility (Materials to avoid)</i> None			
<i>Hazardous Decomposition or byproducts</i> Overheating produces CO2 and H2O			
<i>Hazardous May</i>	<i>occur</i>		<i>Conditions to avoid</i>
<i>Polymerization</i>	<i>Will not occur</i>	X	N/A

## Section VI - Health Hazard Data

<i>Routes of entry</i>	<i>Inhalation</i>	<i>Skin</i>
<b>Inhalation, eyes (if molten)</b>	N/A	If molten, will cause skin burns
<i>Health Hazards (acute or chronic)</i>		
Extensive, prolonged skin exposure could cause dermatitis		

*Chemicals Listed as Carcinogen or Potential Carcinogen*  
None known

*Signs and Symptoms of Exposure*

*Medical Conditions Generally Aggravated by Exposure*

*Emergency First Aid Procedures*

*Inhalation*

If molten, remove subject to fresh air

*Eyes*

If molten: Flush with water, treat as burn, get medical attention. **DO NOT REMOVE WAX.**

*Skin*

Same as above

## Section VII - Precautions for Safe Handling and Use

*Steps to be taken if Material is released or Spilled*

If molten, allow to cool, scrape up

*Waste Disposal Methods*

Dispose of in accordance with local, State and Federal regulations

*Precautions to be taken in Handling and Storing*

Store in a cool dry area away from heat

*Other precautions*

Avoid overheating and sun direct

## Section VIII - Personal Protection

*Respiratory Protection (specify type)*

Not required

<b>Ventilation</b> Is	<b>Local Exhaust</b> adequate	<b>Special</b>
	<b>Mechanical (general)</b> Keep vapors low if molten	<b>Other</b>

**Protective Gloves**

Leather when molten

**Eye Protection**

Glasses or goggles if molten

*Other Protective Clothing or Equipment*

*Work/Hygiene Practice*

Wash hands thoroughly with soap and water before eating or smoking

## Section IX - Regulatory Information

*Sara Section 313 Reportable Chemicals*

*HMS Ratings*

N/A