

# Material Safety Data Sheet

*Identity*

Graining Marker (all colors)

## Section I - Chemical Product and Company Identification

<i>Distributor's Name</i> Dover Finishing Products	<i>Date Revised</i> 2009-10-26
<i>Address</i> 3245 J.B. Deschamps Montreal, QC, CANADA H8T 3E4	<i>Telephone Number for information</i> 514-420-6030

## 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>
Diacetone Alcohol	123-42-2	5.0%	50 ppm		50 ppm
Isopropyl Alcohol	67-63-0	90.0%	400ppm	500ppm	400ppm
Azo Dye	PROPRIETARY	5.0	N.E	N.E.	N.E.

## Section III - Physical/Chemical Characteristics

<i>Boiling Point</i>	180-363 degF	<i>Specific Gravity (H2O)</i>	.8122
<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> 6.27 #/gal, 751 g/l	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> 53 deg F (Setaflash Closed cup)	<i>Flammable Limits</i>	<i>LEL</i> 1.8%	<i>UEL</i> 12%
<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 Polymerization</i>	<i>ay occur</i>		<i>Conditions to avoid</i>
	<i>Will not occur</i>	X	N/A

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**Section VI - Health Hazard Data**

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*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 sever lung irritation or lung damage.

Ingestion - Harmful or fatal if swallowed

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*Routes of entry*

Skin contact, Inhalation, Ingestion, and eye contact

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*Health Hazards (acute or chronic)*

Repeated exposure may cause lung, liver, and kidney effects

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*Signs and Symptoms of Exposure*

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

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*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.

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**Section VII - Precautions for Safe Handling and Use**

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*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.

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*Waste Disposal Methods*

Dispose of in accordance with local, State and Federal regulations

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*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.

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**Section VIII - Personal Protection**

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*Respiratory Protection (specify type)*

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

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

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*Protective Gloves Eye*

chemical resistant gloves (not required under normal usage

*Protection*

Safety glasses or goggles

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*Other Protective Clothing or Equipment*

N/A

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*Work/Hygiene Practice*

Wash hands thoroughly with soap and water before eating or smoking

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**Section IX - Regulatory Information**

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*Sara Section 313 Reportable Chemicals*

This product does not contain any 313 reportable chemicals

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*HMIS Ratings*

Health: 2 Flammability 3 Reactivity 0

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*VHAP's Information*

contains less than 1% VHAP's

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