

Material Safety Data Sheet

Identity

Factory and Pump Touch-Up Markers (Series 766 & 767)

Section I - Chemical Product and Company Identification

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

<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>

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
