

# Material Safety Data Sheet

Rcvd Feb 2005

406667 + 668

## Section 1 – Product Identification and Uses

PRODUCT IDENTIFIER <i>Tempera Varnish Matte</i>		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE <i>Protective Varnish for Tempera Paintings</i>			
MANUFACTURER'S NAME <i>Demco Manufacturing Inc.</i>		SUPPLIER'S NAME <i>Demco Manufacturing Inc.</i>	
STREET ADDRESS <i>5485 Ramsay</i>		STREET ADDRESS <i>5485 Ramsay</i>	
CITY <i>St. Hubert</i>	PROVINCE <i>Québec</i>	CITY <i>St. Hubert</i>	STATE <i>Quebec</i>
POSTAL CODE <i>J3Y 2S3</i>	EMERGENCY TELEPHONE NO <i>(450) 672-9931</i>	ZIP CODE <i>J3Y 2S3</i>	EMERGENCY TELEPHONE NO <i>(450) 672-9931</i>

## Section 2 – Ingredient Information

HAZARDOUS INGREDIENTS	% by wt.	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
<i>Styrene Acrylic Polymers (Non-Hazardous)</i>	<i>45 - 50</i>	<i>Not available</i>	<i>Not established</i>	<i>Not established</i>
<i>Water</i>	<i>40 - 50</i>	<i>7732-18-5</i>	<i>Not established</i>	<i>Not established</i>
<i>Ammonium Hydroxide</i>	<i>1 - 4</i>	<i>1336-21-6</i>	<i>350 mg/kg (oral - rat)</i>	<i>25 ppm ACGIH/OSHA TWA, 35 ppm ACGIH/OSHA STEL</i>
<i>Ethoxylated Octyl Phenol</i>	<i>1 - 3</i>	<i>9036-19-5</i>	<i>Not established</i>	<i>Not established</i>
<i>Polypropylene Glycol</i>	<i>1 - 3</i>	<i>25322-69-4</i>	<i>Not established</i>	<i>Not established</i>
<i>Fumed silica</i>	<i>&gt;1.7</i>	<i>67762-90-7</i>	<i>Not established</i>	<i>Not established</i>

## Section 3 – Physical Data

PHYSICAL STATE <i>Liquid</i>	ODOUR AND APPEARANCE <i>Ammonia-like, translucent</i>		ODOUR THRESHOLD (PPM) <i>N/A</i>	
VAPOUR PRESSURE	VAPOUR DENSITY	EVAPORATION RATE	BOILING POINT [C]	FREEZING POINT [C]
<i>(mm Hg) same as water</i>	<i>(AIR=1) N/A</i>	<i>(n-butyl acetate = 1) N/A</i>	<i>&gt;93 °C (&gt; 200 °F)</i>	<i>N/A</i>
PH <i>8.0 - 9.0</i>	SPECIFIC GRAVITY	COEFF WATER/OIL DIST		
	<i>1.05 - 1.07</i>	<i>N/A</i>		

## Section 4 – Fire and Explosion Data

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES UNDER WHICH CONDITIONS?		
MEANS OF EXTINCTION N/A		
FLASHPOINT [C] AND METHOD N/A	UPPER FLAMMABLE LIMIT (% BY VOLUME) N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/A
AUTOIGNITION TEMPERATURE [C] N/A	HAZARDOUS COMBUSTION PRODUCTS N/A	
UNUSUAL FIRE AND EXPLOSION HAZARDS No special requirements. Container may burn and leak in heat of fire.		

## Section 5 – Reactivity Data

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO UNDER WHICH CONDITIONS?	
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO, WHICH ONES?	
REACTIVITY, AND UNDER WHAT CONDITIONS <i>None reasonably foreseen</i>	
HAZARDOUS POLYMERIZATION <i>will not occur</i>	
HAZARDOUS DECOMPOSITION PRODUCTS <i>Produces normal products of combustion.</i>	

## Section 6 – Toxicological Properties

ROUTE OF ENTRY SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/>			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT <i>May cause mild eye irritation. Prolonged or repeated skin contact may cause mild skin irritation. Ingestion may cause nausea and abdominal discomfort.</i>			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT <i>Prolonged or repeated skin contact may cause skin irritation.</i>			
MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE <i>Persons with pre-existing skin disorders may be more susceptible to irritating effects.</i>			
EXPOSURE LIMITS <i>N/A</i>	IRRITANCY OF PRODUCT <i>N/A</i>	SENSITIZATION TO PRODUCT <i>N/A</i>	CARCINOGENICITY <i>N/A</i>

TERATOGENICITY N/A	REPRODUCTIVE TOXICITY N/A	MUTAGENICITY N/A	SYNERGISTIC PRODUCTS N/A
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## Section 7 – Preventive Measures

<b>PERSONAL PROTECTIVE EQUIPMENT</b>		
<b>PROTECTIVE GLOVES (SPECIFY)</b> <i>Recommended for prolonged exposure to skin, otherwise not needed.</i>	<b>RESPIRATORY PROTECTION (SPECIFY)</b> <i>No special requirements under normal conditions.</i>	<b>EYE PROTECTION(SPECIFY)</b> <i>Recommended to protect against splashes.</i>
<b>SPECIAL FOOTWEAR(SPECIFY)</b> <i>Not needed</i>	<b>OTHER PROTECTIVECLOTHING (SPECIFY)</b> <i>None needed</i>	
<b>ENGINEERING CONTROLS (SPECIFY, EG VENTILATION, ENCLOSED PROCESS)</b> <i>General room ventilation adequate.</i>		
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b> <i>Floors may be slippery. Care should be exercised to avoid falls. May be toxic to aquatic life. Do not let spilled or leaking material enter watercourse. Contains ammonia. Absorb with oil-dry or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.</i>		
<b>WASTE DISPOSAL METHOD</b> <i>No special method. Observe all applicable federal, provincial and state regulations and local or municipal ordinances regarding disposal of non-hazardous materials.</i>		
<b>PRECAUTIONS TO BE TAKEN IN HANDLING</b> <i>Avoid contact with eyes. Avoid prolonged contact with skin. Wash thoroughly after handling.</i>		
<b>STORAGE REQUIREMENTS</b> <i>Store in a cool, dry place with adequate ventilation. Avoid extremes of heat and cold.</i>		
<b>SPECIAL SHIPPING INFORMATION</b> <i>Do not allow to freeze. Ship in heated containers during winter months.</i>		
<b>REGULATORY INFORMATION</b> <i>WHIS CLASSIFICATION - Non-regulated</i>		
<i>All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.</i>		
<i>All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Act (CEPA).</i>		
<i>This product is not subject to the reporting requirements under California's Proposition 65. These ingredients from Section 2 are subject to the following reporting requirements:</i>		
<i>PA - The Pennsylvania Hazardous Substance List</i>		
<i>NJ - The New Jersey Right to Know Hazardous Substance List</i>		
<i>MA - The Massachusetts Hazardous Substance List</i>		

## Section 8 – First Aid Measures

<b>SPECIFIC MEASURES:</b>
<b>Inhalation:</b> <i>Remove to fresh air. If breathing is affected, get medical attention.</i>
<b>Eye Contact:</b> <i>Flush immediately with large amounts of water for at least 15 minutes. If irritation develops, get medical attention.</i>
<b>Skin Contact:</b> <i>Wash contaminated area with soap and water. If irritation develops, get medical attention..</i>
<b>Ingestion:</b> <i>Immediately drink 1 or 2 glasses of water or milk to dilute. If discomfort persists, seek medical attention. Treat symptomatically. Do not administer anything by mouth to an unconscious person.</i>

## Section 9 – Preparation Date of MSDS

<b>PREPARED BY (GROUP DEPARTMENT, ETC)</b> <i>Alex Dear, laboratory</i>	<b>PHONE NUMBER</b> <i>(450) 672-9931</i>	<b>DATE</b> <i>January 31, 2005</i>
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