

Material Safety Data Sheet

Rec'd MAY 2002 True Flow Drying Retarder / 100-243

Section 1 – Product Identification and Uses

PRODUCT IDENTIFIER <i>Acrylic Retarding Medium</i>		PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE <i>Medium for slowing the drying of acrylics</i>			
MANUFACTURER'S NAME <i>Demco Manufacturing Inc.</i>		SUPPLIER'S NAME <i>Sax Arts & Crafts</i>	
STREET ADDRESS <i>2 Waterman Street</i>		STREET ADDRESS <i>2405 S. Calhoun Rd.</i>	
CITY <i>St. Lambert</i>	PROVINCE <i>Québec</i>	CITY <i>New Berlin</i>	STATE <i>Wisconsin</i>
POSTAL CODE <i>J4P 1R8</i>	EMERGENCY TELEPHONE NO <i>(450) 672-9831</i>	ZIP CODE <i>53151</i>	EMERGENCY TELEPHONE NO <i>(262) 784-8880</i>

Section 2 – Ingredient Information

HAZARDOUS INGREDIENTS	% by wt.	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
<i>Propylene Glycol</i>	<i>>80</i>	<i>57-55-6</i>	<i>20 gm/kg ORAL</i>	<i>Not available</i>

Section 3 – Physical Data

PHYSICAL STATE <i>Liquid</i>	ODOUR AND APPEARANCE <i>Mild odour, water-white</i>		ODOUR THRESHOLD (PPM) <i>N/A</i>	
VAPOUR PRESSURE (mm Hg) <i>No data</i>	VAPOUR DENSITY (AIR=1) <i>N/A</i>	EVAPORATION RATE (<i>n-butyl acetate = 1</i>) <i>N/A</i>	BOILING POINT (C) <i>188 °C (370.4 °F)</i>	FREEZING POINT (C) <i>-60 °C (-76 °F)</i>
PH <i>N/A</i>	SPECIFIC GRAVITY <i>1.05</i>	COEFF WATER/OIL DIST <i>N/A</i>		

Section 4 – Fire and Explosion Data

FLAMMABILITY
 YES NO IF YES UNDER WHICH CONDITIONS?

MEANS OF EXTINCTION *N/A*

FLASHPOINT (C) AND METHOD <i>188 °C PMCC</i>	UPPER FLAMMABLE LIMIT (% BY VOLUME) <i>N/A</i>	LOWER FLAMMABLE LIMIT (% BY VOLUME) <i>N/A</i>
AUTOIGNITION TEMPERATURE (C) <i>N/A</i>	HAZARDOUS COMBUSTION PRODUCTS <i>N/A</i>	

UNUSUAL FIRE AND EXPLOSION HAZARDS
No special requirements. Container may burn and leak in heat of fire.

Section 5 – Reactivity Data

CHEMICAL STABILITY
 YES NO IF NO UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES
 YES NO IF SO, WHICH ONES?

REACTIVITY, AND UNDER WHAT CONDITIONS
None reasonably foreseen

HAZARDOUS POLYMERIZATION *will not occur*

HAZARDOUS DECOMPOSITION PRODUCTS
Propionaldehyde, carbon monoxide in the presence of limited oxygen in a fire situation.

Section 6 – Toxicological Properties

ROUTE OF ENTRY
 SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
May cause mild eye irritation. Prolonged or repeated skin contact may cause mild skin irritation. Ingestion may cause nausea and abdominal discomfort.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
Prolonged or repeated skin contact may cause skin irritation.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE
Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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 <i>N/A</i>	REPRODUCTIVE TOXICITY <i>N/A</i>	MUTAGENICITY <i>N/A</i>	SYNERGISTIC PRODUCTS <i>N/A</i>

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Section 7 – Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT		
PROTECTIVE GLOVES (SPECIFY) <i>Recommended for prolonged exposure to skin, otherwise not needed.</i>	RESPIRATORY PROTECTION (SPECIFY) <i>No special requirements under normal conditions.</i>	EYE PROTECTION(SPECIFY) <i>Recommended to protect against splashes.</i>
SPECIAL FOOTWEAR(SPECIFY) <i>Not needed</i>	OTHER PROTECTIVE CLOTHING (SPECIFY) <i>None needed</i>	
ENGINEERING CONTROLS (SPECIFY, EG VENTILATION, ENCLOSED PROCESS) <i>General room ventilation adequate.</i>		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <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>		
WASTE DISPOSAL METHOD <i>No special method. Observe all applicable federal, provincial and state regulations and local or municipal ordinances regarding disposal of non-hazardous materials.</i>		
PRECAUTIONS TO BE TAKEN IN HANDLING <i>Avoid contact with eyes. Avoid prolonged contact with skin. Wash thoroughly after handling.</i>		
STORAGE REQUIREMENTS <i>Store in a cool, dry place with adequate ventilation. Avoid extremes of heat and cold.</i>		
SPECIAL SHIPPING INFORMATION <i>None needed</i>		
REGULATORY INFORMATION WHIS CLASSIFICATION - Non-regulated <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

SPECIFIC MEASURES:
Inhalation: <i>Remove to fresh air. If breathing is affected, get medical attention.</i>
Eye Contact: <i>Flush immediately with large amounts of water for at least 15 minutes. If irritation develops, get medical attention.</i>
Skin Contact: <i>Wash contaminated area with soap and water. If irritation develops, get medical attention..</i>
Ingestion: <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

PREPARED BY (GROUP DEPARTMENT, ETC) <i>Alex Dear, laboratory</i>	PHONE NUMBER <i>(450) 672-9931</i>	DATE <i>May 06, 2002</i>
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