



MATERIAL SAFETY DATA SHEET

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Date Revised: 10/03/03
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===== **SECTION I - PRODUCT IDENTIFICATION** =====

PVAc Conservation Paints

===== **SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION** =====

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
		TWA	STEL	CEILING
Ethanol (45-50%)	64-17-5	1000	-	-
2-Propanol (<5%)	67-63-0	400	500	-
Methanol (<3)	67-56-1	200	250	-
Vinyl Acetate (<.3%)	108-05-4	10	20	-
Pigment (See Golden MSDS #G1A)				

TWA = Time Weighted Average (ave. airborne exposure in 8 hr work shift of a 40 hr work week)

STEL = Short Term Exposure Limit (15 minute time weighted average exposure)

CEILING = exposure not to be exceeded during any part of the work day

===== **SECTION III - PHYSICAL/CHEMICAL PROPERTIES** =====

BOILING POINT: Not determined **SPECIFIC GRAVITY (H2O=1):** .79 (of solvent)
VAPOR DENSITY: 1.6 (of solvent) **EVAPORATION RATE:** Not determined
V.O.C.: 53%
SOLUBILITY IN WATER: partial
APPEARANCE AND ODOR: sweet alcohol smell, colored paste

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: 73°F 23°C **METHOD USED:** Setaflash
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A **UPPER:** N/A
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or alcohol foam
SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA for large fires
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may travel to a source of ignition and flash back explosively.

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: Stable
CONDITIONS TO AVOID: High heat, ignition sources
INCOMPATIBILITY: May react violently with strong oxidizing agents
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon
HAZARDOUS POLYMERIZATION: Will not occur

===== **SECTION VI - HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY BE HARMFUL IF INHALED. Vapor may cause drowsiness and irritation of the respiratory tract. May cause nasal discomfort and discharge, coughing, possible chest pain. Inhalation of high concentrations of vinyl acetate monomer for extended periods has been shown to cause cancer in laboratory animals.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Vapor may be irritating. Direct contact will cause irritation.



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SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated contact may cause drying, cracking, or irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Harmful if swallowed. Swallowing large amounts of methanol may be fatal or cause blindness.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Solvent sensitivity

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with water for 15 minutes. See doctor if any symptoms persist.

SKIN CONTACT: Wash with soap and water. See doctor if skin irritation occurs and persists.

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Call a physician or poison control center immediately. Induce vomiting as directed by medical personnel.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

WASTE DISPOSAL METHOD: Dispose as per local, state or EPA regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid inhalation, eye and skin contact.

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respiratory type: full-face positive-pressure air-supplied.

VENTILATION: Adequate ventilation may consist of local exhaust ventilation or good general ventilation, depending upon the conditions.

PROTECTIVE GLOVES: Impervious gloves should be worn where skin contact is likely

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses (with side shields) or goggles.

===== **SECTION IX - ADDITIONAL PRECAUTIONS AND INFORMATION** =====

DISCLAIMER

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