

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) : Silkpaint Brand Water-Soluble Resist	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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Section I

	Emergency Telephone Number Contact your local poison control center
	Telephone Number for Information
	Date Prepared August 2001

Section II – Hazardous ingredients/Identity Information

Hazardous components (Specific Chemical Identity, Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 10 CFR 372 are present.				
NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT				

Section III – Physical/Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H ₂ O=1) (H₂O=1) : 1
Vapor Pressure (mm Hg.) N/A	Melting Point: N/A
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water: 100% Soluble	
Appearance and Odor: White emulsion with a mild odor	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) > 200° F	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media: Foam, alcohol foam, CO₂, dry chemical, water fog			
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn while fighting fires involving chemicals.			
Unusual Fire and Explosion Hazards: None			

Section V – Reactivity Data			
Stability	Unstable	Conditions to Avoid Product is stable in most environments.	
	Stable X	Coagulation may occur after freezing, thawing or boiling.	
Incompatibility (Materials to Avoid) Product will react violently with alkali or water sensitive material such as sulfuric acid or alkali metals.			
Hazardous Decomposition or Byproducts Burning material will liberate carbon dioxide and carbon monoxide.			
Hazardous Polymerization	May Occur	Conditions to Avoid N/A	
	Will Not Occur X		
Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
None under normal exposure.			
Health Hazards (Acute and Chronic) Prolonged exposure may cause slight irritation. Rinse eye with copious amounts of potable water.			
If irritation does not subside, seek medical attention. The principal volatile component is water.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	No	No	No
Signs and Symptoms of Exposure Prolonged exposure may cause reddening and/or transient irritation. Wash with water until no material remains. If Irritation persists, obtain medical assistance.			
Medical Conditions Generally Aggravated by Exposure None			
Emergency and First Aid Procedures Skin: Wash skin with soap and water. Contact physician irritation/redness develops.			
Eye: Flush with copious quantities of potable water and seek medical assistance.			
Ingestion: Do not induce vomiting. Call a physician immediately. Inhalation: Seek Fresh Air			
Section VII – Precautions for safe Handling and Use			
Steps to be Taken In case Material is Released or Spilled Dam to limit spreading. Mop up or absorb with inert material and place in containers.			
Waste Disposal Method CAUTION! Polymer based materials are slippery in large amounts on non-porous surfaces.			
Dilute 50 to 100 fold with water and flush into industrial sewer system.			
Precautions to Be Taken in Handling and Storing Store in a cool place. Avoid storing below 40° F and above 90° F. Keep containers closed to prevent contamination with microorganisms/dust that can promote mold growth.			
Other Precautions See previous section for specific health and fire hazard information and protective measures.			
Section VIII – Control Measures			
Respiratory Protection (Specify Type) Normal ventilation is adequate under normal use.	Local Exhaust Adequate	Special None	
Protective Gloves If hypersensitivity is indicated.	Mechanical (General) Acceptable	Other None	
Other Protective Clothing or Equipment : None	Eye Protection None Required	Work/Hygenic Practices Eyewash/water capabilities should be available.	