

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Armstrong's Semitransparent Wood Stain
Sierra Redwood

MANUFACTURER'S NAME: The Armstrong-Clark Company

ADDRESS (complete mailing address): P.O. Box 305 (24907 Hwy. 108), Long Barn, CA 95335

PHONE NUMBER (additional information): (209) 586-4352

DATE PREPARED OR REVISED: 8/5/04 Name of preparer: Jake Clark

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent	Exposure Limits in Air (Give units)	Other (Specify)
410 Solvents	64742-88-7	25%	ACGIH TLV OSHA PEL 800	

III. PHYSICAL PROPERTIES

Vapor density: (air = 1) Melting point or range, °F: not applicable
Specific gravity: .871 Boiling point or range, °F: 375 ° - 420 °
Solubility in water: slight Evaporation rate (butyl acetate = 1) > 1

Appearance and odor: Reddish brown in color - slight naphtha odor

HOW TO DETECT THIS SUBSTANCE: (warning properties of substance as a gas, vapor, dust or mist)*

*Not a required category.

NOTE: All required categories should be addressed. If any item is not applicable, or no information is available, the space must be marked to indicate that.

This voluntary form is provided by Cal/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the required information.

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IV. FIRE AND EXPLOSION

Flash Point, °F (give method): 165° - 172° Close Cup
Auto ignition temperature, °F: Not Applicable
Flammable limits in air, volume %: Lower (LEL) ___ Upper (UEL) _____

Fire extinguishing materials:

Water Spray Carbon Dioxide Other
 Foam Dry Chemical

Special firefighting procedures: Water Unsuitable

Unusual fire and explosion hazards: Do not use welding or torch near drums (even empty) because product (even residue) can explode.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Can cause nasal and respiratory irritation and dizziness.

Contact with skin or eyes: Severe irritation, redness and blurred vision.

Absorbed through skin: Prolonged contact can cause irritation, defatting and dermatitis.

Swallowed: Can cause nausea, vomiting and possible diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which could be fatal.

HEALTH EFFECTS OR RISKS FROM EXPOSURE.

Explain in lay terms. Attach extra page if more space is needed.

Acute: SEE ABOVE

Chronic: SEE ABOVE

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush with large amounts of water. Get medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse.

Inhaled: Remove individual to fresh air. If breathing is difficult, administer oxygen.

Swallowed: Do not induce vomiting. Get medical attention.

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.

YES: Federal OSHA NTP IARC

California employers using Cal/OSHA regulated carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen lists are similar.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

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VI. REACTIVITY DATA

Stability: x Stable Unstable

Conditions to avoid:

Incompatibility (materials to avoid):

Hazardous decomposition products (including combustion products): Unknown

Hazardous polymerization: May Occur x Will Not Occur

Conditions to avoid:

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Keep sources of ignition away from spill. Small amounts of spilled material may be absorbed into an appropriate absorbent.

Preparing wastes for disposal (container types, neutralization, etc.): Put absorbent and rags into watertight containers and dispose of at approved waste site. Avoid spontaneous combustion.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls:	Normal use would not require special controls.
Respiratory protection (type):	Use N.I.O.S.H. approved mask when using this product.
Eye protection (type):	Safety glasses or chemical goggles are recommended to guard against potential eye contact.
Gloves (specify material):	Use impermeable gloves to prevent skin irritation.
Other clothing and equipment:	Use of impermeable aprons is advised when product is used in such a way that splashing may occur.
Work practices, hygienic practices:	Avoid excessive contact on skin or clothing. Avoid spills.
Other handling & storage requirements:	Keep material at room temperature. Store material away from possible flame or ignition.
Protective measures during maintenance or contaminated equipment:	Keep all cleaning agents safe from spilling or ignition. Dispose of cleaning agents in accordance with state and federal regulations.