

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product

Product Name: [VIVID Acid Stain, Mahogany](#)
Product Code: SC-35104002-76
Recommended Use: Paint Or Paint Related Material

Company

Manufacturer: Surecrete Design Products
1105 North 1600 West
Layton, Utah 84041
USA

Contact: 1-352-567-7973 (telephone general)
1-800-424-9300 Chemtrec (24 hour emergency phone)
safety@fenixspc.com (e-mail)

SECTION 2 HAZARDS IDENTIFICATION

Classification Of Substance Or Mixture:

GHS Classification In Accordance With 29 CFR 1910 (OSHA HCS)

Oxidizing Solids	Category 2 Acute Toxicity Category 2 Inhalation
Acute Toxicity	Category 3 Oral
Acute Toxicity	Category 4 Dermal
Skin Corrosion / Irritation	Category 1
Serious Eye Damage / Eye Irritation	Category 1
Respiratory Sensitizer	Category 1A
Skin Sensitizer	Category 1
Germ Cell Mutagenicity	Category 1 (Both 1A And 1B)
Carcinogenicity	Category 1 (Both 1A And 1B)
Toxic To Reproduction	Category 1 (Both 1A And 1B)
Toxic To Specific Target Organ	Category 1
Toxicity - Repeated Exposure	

GHS Label Elements:

Hazard Symbol:



Signal Word: DANGER

Label Hazard Statements:

H272: May intensify fire; oxidizer
H290: May be corrosive to metal.
H301: Toxic if swallowed



H301+H331: Toxic if swallowed or if inhaled

H302: Harmful if swallowed

H303+H333: May be harmful in contact with skin or if inhaled

H314: Causes severe skin burns and eye damage

H317: May cause allergic skin reaction

H318: Causes serious eye damage

H330: Fatal if inhaled

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

H340: May cause genetic defects

H350: May cause cancer.

H360: May damage fertility or the unborn child.

H373: May cause damage to organs through prolonged or repeated exposure.

H410: Very toxic to aquatic life with long lasting effects

Chemical(s) which may be considered a cancer hazard by IARC and/or NTP. Refer to section 11 for further information.

Label Precautionary Statements:

PREVENTION:

P201: Obtain special instructions before use.

P210: Keep away from heat/hot surfaces/sparks/open flames and other sources of ignition. No smoking.

P220: Keep/Store away from clothing/textiles/and other combustible material.

P234: Keep only in original packaging.

P260: Do not breath dusts/fume/gas/mist/vapors or spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands and any exposed area thoroughly after handling.

P270: Do not eat, drink or smoke while using this product.

P271: Use only outdoors or in well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P281: Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

P284: (In case of inadequate ventilation) wear respiratory protection.

RESPONSE:

P301+P310: If swallowed: Immediately call a Poison Center / doctor.

P301+P330+P331: If swallowed: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).

P304+P340: If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P306+P360: If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Continue rinsing.

P308+P311: If exposed or concerned: Call a POISON CENTER/doctor.

P310: Immediately call a POISON CENTER/doctor/ emergency responder.

P310+P233: Immediately call poison center / doctor.

P311: Call a POISON CENTER/doctor/emergency responder.

P321: Specific treatment (see on this label)



P330: Rinse mouth.

P337+P313: If eye irritation persists: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use carbon dioxide (CO₂), powder, alcohol resistant foam to extinguish.

P390: Absorb spillage to prevent material damage.

STORAGE:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P406: Store in corrosive resistant/ . . . container with a resistant inner liner.

DISPOSAL:

P501: Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

OTHER HAZARDS: None known

Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>	<i>protective(ppe)</i>
HMIS	3	0	0	1

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is regulated as a mixture

Ingredient	CAS #	Weight %	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
FERROUS CHLORIDE	7758-94-3	15-20	5 PPM	5 PPM	
+* HYDROCHLORIC ACID	7647-01-0	12.9			
FERRIC Chloride	10025-77-1	0-2.5			
# SODIUM DICHROMATE DIHYDRATE	7789-12-0	.7			

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 4 FIRST AID MEASURES

Primary Routes Of Exposure: Skin contact.

Description Of First Aid Measures:

Eyes: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

Skin Contact: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

Ingestion: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

Most Important Symptoms/Effects, Acute And Delayed:

Eyes: Direct contact with eyes may cause irritation.

Skin: Prolonged or repeated contact may cause irritation.

Inhalation: Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches



and nausea.

Ingestion: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

Chronic Health Effects: Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

Medical Conditions Generally Aggravated By Exposure: No known effects on other illnesses.

Indication Of Immediate Medical Attention And Special Treatment Needed: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

Specific Hazards Arising From The Substance Or Mixture: In the event of fire, harmful vapors including carbon monoxide, carbon dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

Special Protective Equipment And Precautions For Fire-Fighters: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment listed in section 8.

Environmental Precautions: Keep runoff from storm sewers ditches, streams, lakes and other ground waters and waterways.

Methods And Materials For Containment And Clean Up: Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable containers and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

SECTION 7 HANDLING AND STORAGE

Precautions For Safe Handling: Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust over-spray.

Precautions For Safe Storage: Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatible materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

Other Precautions: All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.



SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters: See Section 3 for occupational exposure limit values.

Engineering Controls: General room ventilation is adequate.

Personal Protective Equipment:

Respiratory Protection: No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

Protective Gloves:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

Eye Protection:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

Other Protective Clothing Or Equipment:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

Work/Hygienic Practices:

Efforts should be made to minimize contact and spills.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: Liquid

Color: Various Colors

Odor: Amine Or Ammonia Odor

pH: Not Determined

Odor Threshold: Not Measured

Solubility In Water: Dilutable

Melting/Freezing Point: Not Determined

Boiling Point/Range:

Specific Gravity (H₂O=1): 1.21

Vapor Density: Greater Than Air

Evaporation Rate: Not Determined

Flammability: Not Determined

Flash Point: No flash/a

Vapor Pressure: Not Determined

Upper Explosion Limit: n/a

Auto-Ignition Temperature: Not Determined

Lower Explosion Limit: n/a

Partition Coefficient: Not Available

Decomposition Temperature: Not Available

Viscosity: Not Determined

Coating V.O.C.: 0 g/l (0.0 lb/gl)

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Will not occur.



Chemical Stability: Stable under normal conditions and handling.

Possibility Of Hazardous Reactions: No hazardous reactions if stored and handled as prescribed/indicated.

Conditions To Avoid: None known.

Incompatible Materials: None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

Hazardous Decomposition Or Byproducts: Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

SECTION 11 TOXICOLOGICAL INFORMATION

Sensitization: None known.

Carcinogenicity: The indicated chemical(s) is listed by ICGIH, NTP, or OSHA as a known human carcinogen (See section 2).

Reproductive Toxicity: Yes

Teratogenicity (Birth Defects): Yes

Mutagenicity: There is no data to indicate that any component present at greater than 0.1% will alter DNA.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence And Degradability: Not readily degradable.

Bioaccumulative Potential: No data available.

Mobility In Soil: No data available.

Other Adverse Effects: No known effects or critical hazards. No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

SECTION 14 TRANSPORT INFORMATION

Proper shipping name: (un #, shipping name, hazard class, packing group)

UN1760, Corrosive Liquids, N.O.S., (Ferrous Chloride Solution, Hydrochloric Acid), 8, III



SECTION 15 REGULATORY INFORMATION

US Toxic Substance Control ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

SARA 302 Extremely Hazardous Substance: None

SARA 311/312 Hazardous Chemical: See Section 3

SARA 313 (Tri Reporting): This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) See section 3.

State Listed Components	CAS Number	State Code
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California Proposition 65

This product contains a chemical known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

SECTION 16 OTHER INFORMATION

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at any time, without prior subsequent notice.

Recommended Restriction: for use by trained professionals, having read the complete SDS

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