



## Material Safety Data Sheet

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:** 024.0082073  
**Product Name:** CONCRETE ACID STAIN RED  
**Product Use:** Paint product.  
**Print date:** 11/Sep/2012  
**Revision Date:** 24/May/2012

#### Company Identification

The Valspar Corporation - Architectural Coatings Division  
1191 Wheeling Road  
Wheeling, IL 60090

**Manufacturer's Phone:** 1-847-520-8580

**24-Hour Medical Emergency Phone:** 1-888-345-5732

### 2. HAZARDS IDENTIFICATION

#### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

#### Eye Contact:

- Causes eye burns.
- Risk of serious damage to eyes.

#### Skin Contact:

- Causes skin burns.
- May cause sensitization by skin contact.

#### Ingestion:

- Causes digestive tract burns.
- Harmful if swallowed.

**Inhalation:**

- Corrosive to respiratory system
- Harmful by inhalation.
- May cause pulmonary edema.
- May cause chemical pneumonia.

**Acute Other Health Effects:**

- Contains ingredients which are corrosive.

**Target Organ and Other Health Effects:**

- Kidney injury may occur.
- Liver injury may occur.

**This product contains ingredients that may contribute to the following potential chronic health effects:**

- Possible sensitization.

**3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS**

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>Chemical Name</b>
PROPRIETARY ADDITIVE	15 - 20	PROPRIETARY ADDITIVE
PROPRIETARY ADDITIVE	10 - 15	PROPRIETARY ADDITIVE
CHROMIC CHLORIDE 10060-12-5	1 - 5	Chromium chloride, hexahydrate
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE

If this section is blank there are no hazardous components per OSHA guidelines.

**4. FIRST AID MEASURES****Eye Contact:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

**Skin Contact:**

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Do not use soap. If skin surface is damaged, apply a clean dressing. Do not apply greases or ointments. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

**Ingestion:**

Give one or two glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately. Rinse mouth with water. Only induce vomiting at the instruction of medical personnel.

**Inhalation:**

Move injured person into fresh air and keep person calm under observation. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention immediately.

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

## 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	205
Flash point (Celsius):	96
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined
Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

**Unusual fire and explosion hazards:**

None known.

**Extinguishing media:**

Carbon dioxide, dry chemical, foam and/or water fog.

**Fire fighting procedures:**

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**

Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid contact with eyes.

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:**

Keep container closed when not in use. Do not freeze. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

**Eye and face protection:**

Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

**Skin protection:**

Appropriate chemical resistant gloves should be worn.

**Other Personal Protection Data:**

To prevent skin contact wear protective clothing covering all exposed areas. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory protection:**

Wear appropriate, properly fitted respirator (NIOSH approved) during spray application or in other situation where mists may be generated unless air monitoring vapor mist levels are below applicable limits-- where applicable limits have been established. When respirators are used, follow respirator manufacturers directions for use.

**Ventilation**

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas.

## Exposure Guidelines

### OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY ADDITIVE	10 - 15	1 mg/m <sup>3</sup>		
CHROMIC CHLORIDE 10060-12-5	1 - 5	0.5 mg/m <sup>3</sup> TWA Cr		
PROPRIETARY ADDITIVE	1 - 5		= 5 ppm Ceiling = 7 mg/m <sup>3</sup> Ceiling	

### ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY ADDITIVE	15 - 20	1 mg/m <sup>3</sup> TWA Fe			
PROPRIETARY ADDITIVE	10 - 15	1 mg/m <sup>3</sup> TWA Fe			
CHROMIC CHLORIDE 10060-12-5	1 - 5	0.5 mg/m <sup>3</sup> TWA Cr			
PROPRIETARY ADDITIVE	1 - 5			2 ppm Ceiling	

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	212 mmHg @ 68°F (20°C)
Vapor density (air = 1.0):	1.267
Boiling point:	-121°F (-85°C)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	11.51
Specific Gravity:	1.38
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	205
Flash point (Celsius):	96
Lower explosive limit (%):	not determined
Upper explosive limit (%):	not determined
Autoignition temperature:	not determined

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Avoid water-reactive materials, heat or contact with peroxides or other catalysts.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

## 10. STABILITY AND REACTIVITY

Sensitivity to static discharge:

Sensitivity to static discharge is not expected.

## 11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
PROPRIETARY ADDITIVE	15 - 20	= 316 mg/kg Oral LD50 Rat
PROPRIETARY ADDITIVE	10 - 15	= 450 mg/kg Oral LD50 Rat
CHROMIC CHLORIDE 10060-12-5	1 - 5	= 1790 mg/kg Oral LD50 Rat
PROPRIETARY ADDITIVE	1 - 5	= 3124 ppm Inhalation LC50 Rat 1 h = 700 mg/kg Oral LD50 Rat > 5010 mg/kg Dermal LD50 Rabbit

**Mutagens/Teratogens/Carcinogens:** None known.

## 12. ECOLOGICAL DATA

No information on ecology is available.

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### U.S. Department of Transportation

UN ID Number (msds): UN3066  
Proper Shipping Name: PAINT  
Hazard Class: 8  
Packing Group: II

### U.S Hazmat and/or International DG shipment exceptions

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

### Reportable Quantity Description:

### International Air Transport Association (IATA):

UN ID Number (msds): UN3066  
Proper Shipping Name: Paint  
Hazard Class: 8  
Packing Group: II

### International Maritime Organization (IMO):

IMO UN/ID Number (msds): UN3066  
Proper Shipping Name: PAINT  
Hazard Class: 8  
Packing Group: II

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
PROPRIETARY ADDITIVE	15 - 20			1000
PROPRIETARY ADDITIVE	10 - 15			100
CHROMIC CHLORIDE 10060-12-5	1 - 5		LISTED	10
PROPRIETARY ADDITIVE	1 - 5	EPCRA RQ = 5000 lb		5000

### SARA 311/312 Hazard Class:

Acute: yes  
Chronic: yes  
Flammability: no  
Reactivity: no  
Sudden Pressure: no

### U.S. STATE REGULATIONS:

#### Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

#### Pennsylvania Right To Know:

CHROMIC CHLORIDE	10060-12-5
PROPRIETARY ADDITIVE	Trade Secret
PROPRIETARY ADDITIVE	Trade Secret
PROPRIETARY ADDITIVE	Trade Secret
PROPRIETARY ADDITIVE	Trade Secret

#### Additional Non-Hazardous Materials

PROPRIETARY INGREDIENT	Trade Secret
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#### Rule 66 status of product

Not photochemically reactive.

### INTERNATIONAL REGULATIONS - Chemical Inventories

#### US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

#### Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

## 16. OTHER INFORMATION

### HMIS Codes

Health: 3\*  
Flammability: 0  
Reactivity: 1  
PPE: X - See Section 8 for Personal Protective Equipment (PPE).

**Abbreviations:**

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPpcf - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

**Disclaimer:**

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.

**Preparation Information:**

Prepared By:	Regulatory Affairs Department
Print date:	11/Sep/2012
Revision Date:	24/May/2012