



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	701R-S
Product Name:	PIPECLAD 1500 RED
Product Use:	Powder paint
Print date:	25/Aug/2012
Revision Date:	25/Aug/2012

Company Identification

The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

Manufacturer's Phone: 1-612-851-7000

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.

Skin Contact:

- Causes skin burns.
- May cause sensitization by skin contact.
- Can be absorbed through skin.

Ingestion:

- Causes digestive tract burns.
- Harmful if swallowed.

Inhalation:

- Corrosive to respiratory system
- May cause pulmonary edema.
- May cause chemical pneumonia.
- Difficulty in breathing

Target Organ and Other Health Effects:

- Kidney injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Liver injury may occur.
- Spleen damage may occur.

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

- Prolonged exposure over TLV may produce pneumoconiosis.
- Chronic exposure may cause permanent damage of health.
- Possible sensitization.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).

Carcinogens:

- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
PROPRIETARY RESIN	5 - 10	PROPRIETARY RESIN
BISPHENOL A 80-05-7	1 - 5	Bisphenol A
PROPRIETARY COLOR PIGMENT	1 - 5	PROPRIETARY COLOR PIGMENT
2-METHYLIMIDAZOLE 693-98-1	.1 - 1	1H-Imidazole, 2-methyl-
SILICA 14808-60-7	.1 - 1	QUARTZ (SiO ₂)

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. Do not rub eye.

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):	950
Flash point (Celsius):	510
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:

Refer to 1995 edition of NFPA 33 Appendix A. A minimum explosive concentration of dust in the air of 30 grams per cubic meter of air can be used. Dust control and good housekeeping are required. Dust may also carry a static charge. Make sure equipment and personnel are grounded to avoid static discharge.

Extinguishing media:

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

Fire fighting procedures:

Decomposes without flashing

Minimum ignition energy:	5-20 mJ
Minimum explosible concentration (LEL):	20 - 70 g.m-3

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:

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).

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Minimize the free fall distance of powder when loading, unloading or conveying to avoid dust generation and potential static discharge. Keep container closed when not in use. Keep away from heat, sparks and open flame. - No smoking. To prevent caking of product, do not store above 80 degree F. (27 degree C.).

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment**Eye and face protection:**

Safety glasses (with side shields) 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:

Gloves: Neoprene or other nonporous.

Other Personnel 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. Chemical resistant apron

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with a particulate filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment. 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 COLOR PIGMENT	1 - 5	10 mg/m ³ TWA fume		
SILICA 14808-60-7	.1 - 1	(30)/(%SiO ₂ + 2) mg/m ³ TWA, total dust (250)/(%SiO ₂ + 5) mppcf TWA, respirable fraction (10)/(%SiO ₂ + 2) mg/m ³ TWA, respirable fraction		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY COLOR PIGMENT	1 - 5	5 mg/m ³ TWA respirable fraction			
SILICA 14808-60-7	.1 - 1	0.025 mg/m ³ TWA respirable fraction			

9. PHYSICAL PROPERTIES

Odor:	Powder with no distinct odor.
Physical State:	powder
pH:	not determined
Vapor pressure:	not determined mmHg @ 68°F (20°C)
Boiling point:	not determined -°F (°C)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	11.87
Specific Gravity:	1.42
Evaporation rate (butyl acetate = 1.0):	not determined
Flash point (Fahrenheit):	950
Flash point (Celsius):	510
Lower explosive limit (%):	not determined

9. PHYSICAL PROPERTIES

Upper explosive limit (%):

not determined

Autoignition temperature:

not determined

Minimum ignition energy:

5-20 mJ

Minimum explosible concentration (LEL):

20 - 70 g.m-3

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Conditions to Avoid:

None known.

Incompatibility:

None known.

Hazardous Polymerization:

None anticipated.

Hazardous Decomposition Products:

Silicon dioxide. Carbon monoxide and carbon dioxide.

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
BISPHENOL A 80-05-7	1 - 5	= 3000 mg/kg Dermal LD50 Rabbit = 3200 mg/kg Oral LD50 Rat
PROPRIETARY COLOR PIGMENT	1 - 5	> 10000 mg/kg Oral LD50 Rat
2-METHYLIMIDAZOLE 693-98-1	.1 - 1	= 1400 mg/kg Oral LD50 Mouse
SILICA 14808-60-7	.1 - 1	= 500 mg/kg Oral LD50 Rat

Mutagens/Teratogens/Carcinogens:

Cancer hazard. Contains material which can cause cancer.

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
2-METHYLIMIDAZOLE 693-98-1	.1 - 1		listed 22-Jun-12
SILICA 14808-60-7	.1 - 1		Listed. initial date 10/1/88 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
2-METHYLIMIDAZOLE 693-98-1	.1 - 1			Monograph 101 [in preparation]
SILICA 14808-60-7	.1 - 1	Monograph 68 [1997]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
BISPHENOL A 80-05-7	1 - 5			male rat-equivocal; female rat-equivocal; male mice-equivocal; female mice-negative
2-METHYLIMIDAZOLE 693-98-1	.1 - 1			male rat-some evidence; female rat-clear evidence; male mice- some evidence; female mice-some evidence
SILICA 14808-60-7	.1 - 1	Known Human Carcinogen		

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
SILICA 14808-60-7	.1 - 1	Present		A2 Suspected Human Carcinogen

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): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

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): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

International Maritime Organization (IMO):

IMO UN/ID Number (msds): NRPDRY
Proper Shipping Name: PAINT, DRY, NOT REGULATED

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
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15. REGULATORY INFORMATION

BISPHENOL A 80-05-7	1 - 5		form R reporting required for 1.0% de minimis concentration	
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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:

PROPRIETARY RESIN	Trade Secret
BISPHENOL A	80-05-7
PROPRIETARY COLOR PIGMENT	Trade Secret

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret
PROPRIETARY INERT	Trade Secret
PROPRIETARY RESIN	Trade Secret

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer.

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: 1
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.

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