

# The Valspar Corporation Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Material Identification

**Product ID:** 009.0001170 *Enterprise*  
**Product Name:** 12YR INT FLT BASE 1 4G  
**Product Use:** Paint product.  
**Date Published:** 2004/09/03  
**Revision Date:** 2001/12/01

### 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. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS #	Approx Wt%	Chemical name
Trade Secret : PROPRIETARY INERT	10 - 15	PROPRIETARY INERT
Trade Secret : PROPRIETARY PIGMENT	5 - 10	PROPRIETARY PIGMENT
SILICA 14464-46-1	1 - 5	Silica, cristobalite
Trade Secret : PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
ETHYLENE GLYCOL 107-21-1	1 - 5	1,2-Ethanediol
CRYSTALLINE SILICA 14808-60-7	.1 - 1	QUARTZ (SiO2)

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

## 3. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

### Emergency Overview:

This section not in use.

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

**Inhalation Effects:**

May cause irritation of the respiratory tract. May irritate mouth, nose, and throat. Dust can cause irritation of eyes, nose and respiratory tract.

**Eye Contact:**

May cause moderate eye irritation.

**Skin Contact:**

None known.

**Acute Ingestion:**

Irritation of gastrointestinal tract.

**Other Effects:**

None known

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

Prolonged exposure over TLV may produce pneumoconiosis. Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis). Possible birth defects hazard. Contains ingredients which may cause birth defects based on animal data. May cause damage to the nervous system. May cause liver damage. May cause kidney damage.

See Section 11 for toxicological information about Mutagens, Teratogens and Carcinogens.

If this section is blank, no information is available.

#### **4. FIRST AID MEASURES**

**Inhalation:**

If affected by inhalation, move victim to fresh air. If symptoms persist, seek medical attention.

**Eye Contact:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**Skin Contact:**

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. If irritation persists get medical attention.

**Ingestion:**

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

**Medical conditions aggravated by exposure:** Any respiratory or skin condition.

#### **5. FIRE FIGHTING MEASURES**

Flash point (Fahrenheit):	205° F ( 96° C) TCC/PM
Lower explosive limit:	Not available. %
Upper explosive limit:	Not available. %

Autoignition temperature: Not available. ° F ( ° C)  
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:**  
Use water spray to cool nearby containers and structures exposed to fire. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:**  
Ventilate area. Avoid breathing of vapors. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 5, "Unusual Fire and Explosion Hazards", for proper container and storage procedures. Avoid contact with eyes.

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:**  
Keep container closed when not in use. Keep from freezing. Do not cut, drill, grind, or weld on or near this container. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied.

## 8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

### Personal Protective Equipment

**Eye and face protection:**  
Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eye.

**Skin protection:**  
Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

**Respiratory protection:**  
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist 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**  
Required when spraying or applying in confined area.

### Exposure Guidelines

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

Common Name CAS #	Approx Wt%	TWA (final)	Ceilings limits (final)	Skin designations
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Trade Secret : PROPRIETARY INERT	10 - 15	15 MG/M3		
Trade Secret : PROPRIETARY PIGMENT	5 - 10	15 mg/m3 TWA (total dust)		
SILICA 14464-46-1	1 - 5	see Table Z-3		
Trade Secret : PROPRIETARY INERT	1 - 5	see Table Z-3		
ETHYLENE GLYCOL 107-21-1	1 - 5		50 PPM	
CRYSTALLINE SILICA 14808-60-7	.1 - 1	see Table Z-3		

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

Common Name CAS #	Approx Wt%	TWA	STEL	Ceiling limits	Skin designations
Trade Secret : PROPRIETARY INERT	10 - 15	10 MG/M3			
Trade Secret : PROPRIETARY PIGMENT	5 - 10	10 mg/m3 TWA			
SILICA 14464-46-1	1 - 5	0.05 mg/m3 TWA (this TLV is for the respirable fraction of dust)			
Trade Secret : PROPRIETARY INERT	1 - 5	3 mg/m3 TWA (this TLV is for the respirable fraction of dust for Mica) for particulate matter containing no asbestos and <1% crystalline silica			
ETHYLENE GLYCOL 107-21-1	1 - 5	50 PPM		C 100 mg/m3 (aerosol)	
CRYSTALLINE SILICA 14808-60-7	.1 - 1	0.05 mg/m3 TWA (this TLV is for the respirable fraction of dust)			

If this section is blank, no information is available.

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	Liquid
pH:	Not determined.
Vapor pressure:	24 mmHG @ 83° F ( 28° C)
Vapor density (air = 1.0):	7.4
Boiling point:	212° F ( 100° C)
Solubility in water:	Soluble
Coefficient of water/oil distribution:	Not determined.

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Density (weight per gallon): 10.8  
 Specific gravity (water = 1): 1.29  
 Evaporation rate (butyl acetate = 1.0): 0.4

## 10. STABILITY AND REACTIVITY

Stability: This product is stable.  
 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: Silicon dioxide. Metal oxide fumes.

**Sensitivity to static discharge:** Sensitivity to static discharge is not expected.

## 11. TOXICOLOGICAL INFORMATION

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.

Common Name CAS #	Approx Wt%	IARC Group 1 - Human Evidence	IARC Group 2A - limited human data	IARC Group 2b - sufficient animal data
SILICA 14464-46-1	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		

Common Name CAS #	Approx Wt%	NTP Known carcinogens	NTP Suspect carcinogens	NTP Evidence of carcinogenicity
SILICA 14464-46-1	1 - 5	Known Carcinogen		
CRYSTALLINE SILICA 14808-60-7	.1 - 1	Known Carcinogen		

Common Name CAS #	Approx Wt%	OSHA Select carcinogens	OSHA Possible select carcinogens	ACGIH Carcinogens
SILICA 14464-46-1	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources) IARC - Group 1 (carcinogenic to humans) Known Carcinogen NTP Ninth Report - Known Carcinogens		

CRYSTALLINE SILICA 14808-60-7	.1 - 1			A2 - Suspected Human Carcinogen
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If this section is blank, no information is available.

## 12. ECOLOGICAL DATA

Not available at this time.

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORTATION INFORMATION

DOT Information CONTACT SUPPLIER FOR FURTHER INFORMATION.

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Common Name CAS #	Approx Wt%	SARA 302	SARA 313	CERCLA RQ IN LBS.
ETHYLENE GLYCOL 107-21-1	1 - 5		form R reporting required for 1.0% de minimis concentration	5000

### SARA 311/312 Hazard Class:

Acute: Yes  
Chronic: Yes  
Flammability: No  
Reactivity: No  
Sudden Pressure: No

### U.S. STATE REGULATIONS:

#### Pennsylvania Right To Know:

PROPRIETARY INERT  
PROPRIETARY INERT  
SILICA  
PROPRIETARY PIGMENT  
1,2-Ethenediol

Trade Secret  
Trade Secret  
14464-46-1  
Trade Secret  
107-21-1

#### Additional Non-Hazardous Materials

PROPRIETARY INERT  
WATER  
SUPPLIER TRADE SECRET

Trade Secret  
7732-18-5  
Trade Secret

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**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**

**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**

**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.

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