

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** 044.0000256  
Product Name: GD CG INT FLT SP ANT WHT  
Product Use: Paint product.  
Print date: 27/May/2008  
Revision Date: 24/May/2008

#### 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-No.	Approx. Weight %	Chemical name
CRYSTALLINE SILICA 14808-60-7	5 - 10	QUARTZ (SiO <sub>2</sub> )
TITANIUM DIOXIDE 13463-67-7	1 - 5	Titanium dioxide
SILICA 14464-46-1	1 - 5	Silica, cristobalite

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.

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

#### Inhalation Effects:

May irritate the lungs. 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:**

None known

**Other Effects:**

None known

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

Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).

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, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**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, contact medical personnel immediately to determine best course of action.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

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

Ventilate area. Remove spills with inert absorbent. Avoid contact with eyes.

## 7. HANDLING AND STORAGE

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

Keep container closed when not in use. Keep from freezing. 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:

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-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
CRYSTALLINE SILICA 14808-60-7	5 - 10	Respirable. Listed. Total dust. Listed.		
TITANIUM DIOXIDE 13463-67-7	1 - 5	15 mg/m <sup>3</sup> Total dust.		
SILICA 14464-46-1	1 - 5	Respirable. Listed. Total dust. Listed.		

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

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
CRYSTALLINE SILICA 14808-60-7	5 - 10	0.05 mg/m <sup>3</sup> Respirable fraction.			
TITANIUM DIOXIDE 13463-67-7	1 - 5	10 mg/m <sup>3</sup>			
SILICA 14464-46-1	1 - 5	0.05 mg/m <sup>3</sup> Respirable fraction.			

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 @ 68° F ( 20° C)

Vapor density (air = 1.0):

.6

## 9. PHYSICAL PROPERTIES

Boiling point:	212° F ( 100° C)
Solubility in water:	Soluble
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	10.83
Specific Gravity:	1.3
Evaporation rate (butyl acetate = 1.0):	.4

## 10. STABILITY AND REACTIVITY

Stability:	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.

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

## 11. TOXICOLOGICAL INFORMATION

### Mutagens:

None known.

### Teratogens:

None known.

Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA. 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-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
CRYSTALLINE SILICA 14808-60-7	5 - 10	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		
TITANIUM DIOXIDE 13463-67-7	1 - 5			2B Possible Carcinogen
SILICA 14464-46-1	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		

Common Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
CRYSTALLINE SILICA 14808-60-7	5 - 10	Known carcinogen.		
SILICA 14464-46-1	1 - 5	Known carcinogen.		

Common Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
CRYSTALLINE SILICA 14808-60-7	5 - 10			Group A2 Suspected human carcinogen.

## 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

### U.S. Department of Transportation

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number: NRPAIN

### U.S. Highway & Rail Shipments

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.

### International Air Transport Association:

Proper Shipping Name: PAINT, NOT REGULATED  
UN ID Number: NRPAIN

### International Maritime Organization:

Proper Shipping Name: PAINT, NOT REGULATED  
Non-Bulk UN ID Number: NRPAIN

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

#### SARA 311/312 Hazard Class:

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

### U.S. STATE REGULATIONS:

#### Pennsylvania Right To Know:

CRYSTALLINE SILICA	14808-60-7
TITANIUM DIOXIDE	13463-67-7
SILICA	14464-46-1

#### Additional Non-Hazardous Materials

PROPRIETARY INERT	Trade Secret
SUPPLIER TRADE SECRET	Trade Secret
WATER	7732-18-5

### 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:**

This product does not comply with TSCA Inventory Requirements.

**Canada Domestic Substances List:**

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

**16. OTHER INFORMATION**

**HMIS Codes**

<b>Health:</b>	1
<b>Flammability:</b>	1
<b>Reactivity:</b>	0
<b>PPE:</b>	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.

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