



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

**Product ID:** 007.0073424  
**Product Name:** SIG INT SATIN BASE 2  
**Product Use:** Paint product.  
**Print date:** 27/Sep/2008  
**Revision Date:** 22/Sep/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. HAZARDS IDENTIFICATION

#### Primary Routes of Exposure:

Inhalation  
Ingestion  
Skin absorption

#### Eye Contact:

- Moderate eye irritation

#### Skin Contact:

- Dermatitis
- Causes skin irritation.

#### Ingestion:

- Irritation of the mouth, throat, and stomach.
- Toxic if swallowed.

#### Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.
- Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

#### Target Organ and Other Health Effects:

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

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

- Overexposure may cause nervous system damage.
- Prolonged exposure over TLV may produce pneumoconiosis.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).

**Teratogens:**

- May cause birth defects.

**Carcinogens:**

- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

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

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight %</b>	<b>Chemical Name</b>
TITANIUM DIOXIDE 13463-67-7	10 - 15	Titanium dioxide
CLAY 66402-68-4	1 - 5	Ceramic materials and wares, chemicals
SILICA 14808-60-7	1 - 5	QUARTZ (SiO <sub>2</sub> )
ETHYLENE GLYCOL 107-21-1	1 - 5	1,2-Ethanediol
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT

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

**4. FIRST AID MEASURES**

**Eye Contact:**

Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

**Skin Contact:**

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

**Ingestion:**

Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention immediately.

**Inhalation:**

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

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

**5. FIRE FIGHTING MEASURES**

Flash point (Fahrenheit):	205°F (96°C)
Lower explosive limit:	3 %
Upper explosive limit:	15 %
Autoignition temperature:	not determined -°F (°C)
Sensitivity to impact:	no

## 5. FIRE FIGHTING MEASURES

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:**

Chemical goggles, also wear a face shield if splashing hazard exists.

**Skin protection:**

Appropriate chemical resistant gloves should be worn.

**Other Personal Protection Data:**

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**

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture.

**Exposure Guidelines**

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

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

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY INERT	1 - 5	5 mg/m <sup>3</sup> Respirable fraction. 15 mg/m <sup>3</sup> Total dust. Respirable fraction. Listed. Total dust. Listed.		

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

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	10 - 15	10 mg/m <sup>3</sup>			
SILICA 14808-60-7	1 - 5	0.05 mg/m <sup>3</sup> Respirable fraction.			
ETHYLENE GLYCOL 107-21-1	1 - 5			100 mg/m <sup>3</sup> Aerosol.	
PROPRIETARY INERT	1 - 5	10 mg/m <sup>3</sup>			

## 9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	24 mmHg @ 77°F (25°C)
Vapor density (air = 1.0):	2.14
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	10.25
Specific Gravity:	1.23
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	205°F (96°C)
Lower explosive limit:	3 %
Upper explosive limit:	15 %
Autoignition temperature:	not determined -°F (°C)

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

**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

ETHYLENE GLYCOL 107-21-1	1 - 5	Inhalation LC50 Rat : 10876 mg/kg Oral LD50 Rat : 4700 mg/kg Oral LD50 Mouse : 5500 mg/kg Dermal LD50 Rabbit : 9530 uL/kg
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### Mutagens/Teratogens/Carcinogens:

May cause birth defects.

Possible cancer hazard. Contains material which may cause cancer based on animal data. Cancer hazard. Contains material which can cause cancer.

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.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
SILICA 14808-60-7	1 - 5		Listed: October 1, 1988 Carcinogenic.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	10 - 15			2B Possible Carcinogen
SILICA 14808-60-7	1 - 5	Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources)		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
SILICA 14808-60-7	1 - 5	Known carcinogen.		

Ingredient Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
SILICA 14808-60-7	1 - 5			Group A2 Suspected human carcinogen.

## 12. ECOLOGICAL DATA

No information on ecology is available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

## 14. TRANSPORTATION INFORMATION

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### 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.

### Reportable Quantity Description:

### International Air Transport Association (IATA):

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

### International Maritime Organization (IMO):

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

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
CLAY 66402-68-4	1 - 5		YES	
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:

#### 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:

SILICA	14808-60-7
CLAY	66402-68-4
PROPRIETARY INERT	Trade Secret
TITANIUM DIOXIDE	13463-67-7
ETHYLENE GLYCOL	107-21-1

#### Additional Non-Hazardous Materials

WATER	7732-18-5
PROPRIETARY RESIN	Trade Secret

**California Proposition 65:**

WARNING! This product contains a chemical known in 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**

<b>Health:</b>	3*
<b>Flammability:</b>	1
<b>Reactivity:</b>	1
<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.

**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:**

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