

# The Valspar Corporation

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Material Identification

**Product ID:** 038.0035559  
Product Name: STEEL GRAY EPOXY COL  
Product Use: Paint-related material.  
Print date: 14/Jan/2008  
Revision Date: 14/Jan/2008

#### Company Identification

The Valspar Corporation  
210 CROSBY  
PICAYUNE, MS 39466  
Manufacturer's Phone: 1-601-798-4731

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

### 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Common Name CAS-No.	Approx. Weight %	Chemical name
TITANIUM DIOXIDE 13463-67-7	40 - 45	Titanium dioxide
EPOXY RESIN (MOL WT ≤700) 25068-38-6	25 - 30	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane
ALKYL GLYCIDYL ETHER 68609-97-2	5 - 10	Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.
PROPRIETARY PIGMENT	1 - 5	PROPRIETARY PIGMENT
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
CHROMIUM OXIDE PIGMENT 1308-38-9	1 - 5	Chromium (III) oxide
CARBON BLACK 1333-86-4	1 - 5	CARBON BLACK
2-METHOXY-1- METHYLETHYL ACETATE 108-65-6	1 - 5	Propylene glycol monomethyl ether acetate

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:**

Harmful if inhaled. May affect the brain, nervous system, or respiratory system, causing dizziness, headache, nausea or respiratory irritation. May cause respiratory tract sensitization.

**Eye Contact:**

May cause eye damage and pain.

**Skin Contact:**

Harmful if absorbed through the skin. Contains a component which is a known or suspected skin sensitizer.

**Acute Ingestion:**

May be fatal if swallowed.

**Other Effects:**

None known

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

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause eye damage and pain. May cause redness and blistering of skin. May cause liver damage. Possible sensitization. Possible cancer hazard. Contains ingredients which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure. 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, 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. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and discard.

**Ingestion:**

If swallowed, get medical attention immediately.

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

## 5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	212° F ( 100° C) TCC/PM
Lower explosive limit:	1 %
Upper explosive limit:	13 %
Autoignition temperature:	Not available. ° F ( ° C)
Sensitivity to impact:	No.
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.

## 5. FIRE FIGHTING MEASURES

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. 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 all personal contact.

## 7. HANDLING AND STORAGE

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

Keep container closed when not in use.

## 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:

Gloves: Neoprene or other nonporous. Neoprene or plastic apron and protective clothing covering exposed skin 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
TITANIUM DIOXIDE 13463-67-7	40 - 45	15 mg/m <sup>3</sup> Total dust.		
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.		
CHROMIUM OXIDE PIGMENT 1308-38-9	1 - 5	1 mg/m <sup>3</sup> Cr 0.5 mg/m <sup>3</sup> Cr		

Common Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
CARBON BLACK 1333-86-4	1 - 5	3.5 mg/m <sup>3</sup>		

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

Common Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	40 - 45	10 mg/m <sup>3</sup>			
PROPRIETARY INERT	1 - 5	10 mg/m <sup>3</sup>			
CHROMIUM OXIDE PIGMENT 1308-38-9	1 - 5	0.5 mg/m <sup>3</sup> Cr			
CARBON BLACK 1333-86-4	1 - 5	3.5 mg/m <sup>3</sup>			

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:	2 mmHG @ 68° F ( 20° C)
Vapor density (air = 1.0):	4.6
Boiling point:	286° F ( 141° C)
Solubility in water:	Insoluble.
Coefficient of water/oil distribution:	Not determined.
Density (lbs per US gallon):	15.16
Specific Gravity:	not determined.
Evaporation rate (butyl acetate = 1.0):	.3

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None known.
Incompatibility:	None known.
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

**Mutagens:**

**Teratogens:**

Contains TIO<sub>2</sub> 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 TIO<sub>2</sub> provide an adequate basis to conclude TIO<sub>2</sub> is carcinogenic. TIO<sub>2</sub> is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Common 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	40 - 45			2B Possible Carcinogen
CARBON BLACK 1333-86-4	1 - 5			Monograph 65, 1996

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

### U.S. Department of Transportation

Proper Shipping Name: Contact Supplier for further information.

### 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: Contact Supplier for further information.

### International Maritime Organization:

Proper Shipping Name: Contact Supplier for further information.

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

Common Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
CHROMIUM OXIDE PIGMENT 1308-38-9	1 - 5		YES	

### SARA 311/312 Hazard Class:

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

### U.S. STATE REGULATIONS:

**Pennsylvania Right To Know:**

ALKYL GLYCIDYL ETHER	68609-97-2
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6
PROPRIETARY INERT	Trade Secret
PROPRIETARY PIGMENT	Trade Secret
PROPRIETARY ADDITIVE	Trade Secret
CARBON BLACK	1333-86-4
TITANIUM DIOXIDE	13463-67-7
EPOXY RESIN (MOL WT <=700)	25068-38-6
CHROMIUM OXIDE PIGMENT	1308-38-9

**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:** Not all components in 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:**

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