



# Material Safety Data Sheet

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

**Product ID:** 044.0027429  
**Product Name:** C/Z EXT SAT CLR BS  
**Product Use:** Paint product.  
**Print date:** 30/Jan/2013  
**Revision Date:** 27/Oct/2012

### 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:

- Causes skin irritation.

### Ingestion:

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

### Inhalation:

- Causes respiratory tract irritation.

**Target Organ and Other Health Effects:**

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

**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.

**Teratogens:**

- May cause birth defects.

**Carcinogens:**

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

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

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | Chemical Name        |
|--------------------------------|---------------------|----------------------|
| PROPRIETARY INERT              | 1 - 5               | PROPRIETARY INERT    |
| ETHYLENE GLYCOL<br>107-21-1    | 1 - 5               | 1,2-Ethenediol       |
| PROPRIETARY ADDITIVE           | 1 - 5               | PROPRIETARY ADDITIVE |
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1              | Titanium dioxide     |
| BENZOPHENONE<br>119-61-9       | .1 - 1              | Benzophenone         |

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. Never give anything by mouth to an unconscious person.

**Inhalation:**

Move injured person into fresh air and keep person calm under observation. Get medical attention, if symptoms develop or persist.

**Medical conditions aggravated by exposure:**

Any respiratory or skin condition.

## 5. FIRE FIGHTING MEASURES

|                                  |  |
|----------------------------------|--|
| Flash point (Fahrenheit):        | 205  |
| Flash point (Celsius):           | 96   |
| Lower explosive limit (%):       | 1  |
| Upper explosive limit (%):       | 15   |
| 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:

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:

Wear safety glasses or goggles to protect against exposure.

#### Skin protection:

Appropriate chemical resistant gloves should be worn.

#### Other Personal Protection Data:

Usual industrial work clothes.

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

### Exposure Guidelines

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

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | TWA (final)  | Ceilings limits (final) | Skin designations |
|--------------------------------|---------------------|--|-------------------------|-------------------|
| PROPRIETARY INERT              | 1 - 5               | 15 mg/m <sup>3</sup> TWA dust total<br>5 mg/m <sup>3</sup> TWA respirable fraction |                         |                   |
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1              | 15 mg/m <sup>3</sup> TWA dust total  |                         |                   |

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

| Ingredient Name<br>CAS-No.  | Approx.<br>Weight % | TWA | STEL | Ceiling limits                             | Skin designations |
|-----------------------------|---------------------|-----|------|--|-------------------|
| ETHYLENE GLYCOL<br>107-21-1 | 1 - 5               |     |      | 100 mg/m <sup>3</sup> Ceiling aerosol only |                   |

## 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:                          | 212°F (100°C)                 |
| Solubility in water:                    | not determined                |
| Coefficient of water/oil distribution:  | not determined                |
| Density (lbs per US gallon):            | 9.4                           |
| Specific Gravity:                       | 1.13                          |
| Evaporation rate (butyl acetate = 1.0): | 0.1                           |
| Flash point (Fahrenheit):               | 205                           |
| Flash point (Celsius):                  | 96                            |
| Lower explosive limit (%):              | 1                             |
| Upper explosive limit (%):              | 15                            |
| Autoignition temperature:               | not determined                |

## 10. STABILITY AND REACTIVITY

|                                   |  |
|-----------------------------------|--|
| Stability:                        | Stable under normal conditions.  |
| 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: | Carbon monoxide and carbon dioxide.  |

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

## 11. TOXICOLOGICAL INFORMATION

| Ingredient Name<br>CAS-No.  | Approx.<br>Weight % | NIOSH - Selected LD50s and LC50s                              |
|-----------------------------|---------------------|---|
| ETHYLENE GLYCOL<br>107-21-1 | 1 - 5               | = 4000 mg/kg Oral LD50 Rat<br>= 9530 µL/kg Dermal LD50 Rabbit |
| PROPRIETARY ADDITIVE        | 1 - 5               | = 31.4 g/kg Oral LD50 Rat                                     |

## 11. TOXICOLOGICAL INFORMATION

|                                |        |  |
|--------------------------------|--------|--|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | > 10000 mg/kg Oral LD50 Rat                                |
| BENZOPHENONE<br>119-61-9       | .1 - 1 | = 3535 mg/kg Dermal LD50 Rabbit<br>> 10 g/kg Oral LD50 Rat |

### Mutagens/Teratogens/Carcinogens:

May cause birth defects.

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

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.

| Ingredient Name<br>CAS-No. | Approx.<br>Weight % | California Prop 65 - Reproductive<br>(Female) | California Prop 65 - Carcinogen |
|----------------------------|---------------------|---|---------------------------------|
| BENZOPHENONE<br>119-61-9   | .1 - 1              |   | listed 22-Jun-12                |

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | IARC Group 1 - Human<br>Evidence | IARC Group 2A - Limited<br>Human Data | IARC Group 2B -<br>Sufficient Animal Data |
|--------------------------------|---------------------|----------------------------------|---------------------------------------|---|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1              |                                  |                                       | Monograph 47 [1989]                       |
| BENZOPHENONE<br>119-61-9       | .1 - 1              |                                  |                                       | Monograph 101 [in<br>preparation]         |

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | NTP Known<br>Carcinogens | NTP Suspect<br>Carcinogens | NTP Evidence of<br>Carcinogenicity   |
|--------------------------------|---------------------|--------------------------|----------------------------|--|
| ETHYLENE GLYCOL<br>107-21-1    | 1 - 5               |                          |                            | male mice-no evidence;<br>female mice-no evidence  |
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1              |                          |                            | male rat-negative;<br>female rat-negative;<br>male mice-negative;<br>female mice-negative                              |
| BENZOPHENONE<br>119-61-9       | .1 - 1              |                          |                            | male rat-some evidence;<br>female rat-equivocal<br>evidence; male mice-<br>some evidence; female<br>mice-some evidence |

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | OSHA - Hazard<br>Communication<br>Carcinogens | OSHA - Specifically<br>Regulated Carcinogens | ACGIH Carcinogens |
|--------------------------------|---------------------|---|--|-------------------|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1              | Present                                       |  |                   |

## 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):  
Proper Shipping Name:

NRPAIN  
PAINT, 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 No: UN3082  
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
Hazard Class: 9  
Packing Group: III

### International Maritime Organization (IMO):

UN/ID No: UN3082  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Hazard Class: 9  
Packing Group: III  
Marine Pollutant: YES

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

| Ingredient Name<br>CAS-No.  | Approx.<br>Weight % | SARA 302 | SARA 313  | CERCLA RQ in lbs. |
|-----------------------------|---------------------|----------|---|-------------------|
| ETHYLENE GLYCOL<br>107-21-1 | 1 - 5               |          | form R reporting required<br>for 1.0% de minimis<br>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:

|                      |              |
|----------------------|--------------|
| ETHYLENE GLYCOL      | 107-21-1     |
| PROPRIETARY INERT    | Trade Secret |
| PROPRIETARY ADDITIVE | Trade Secret |

## Additional Non-Hazardous Materials

|                        |              |
|------------------------|--------------|
| PROPRIETARY INERT      | Trade Secret |
| PROPRIETARY INGREDIENT | Trade Secret |
| 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

|               |  |
|---------------|--|
| Health:       | 2*   |
| Flammability: | 0  |
| 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.

### Preparation Information:

|                |                               |
|----------------|-------------------------------|
| Prepared By:   | Regulatory Affairs Department |
| Print date:    | 30/Jan/2013                   |
| Revision Date: | 27/Oct/2012                   |