

# Material Safety Data Sheet

---

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

**Product ID:** 045.0099401  
Product Name: PROF 4 INT LTX FLT LTBS  
Product Use: Paint product.  
Print date: 17/Jul/2014  
Revision Date: 17/Jul/2014

### 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:

- May cause eye irritation.

### Skin Contact:

- Causes mild skin irritation.

### Ingestion:

None known.

### Inhalation:

- May cause irritation of respiratory tract.

### Target Organ and Other Health Effects:

- Kidney injury may occur.

### 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).
- Prolonged exposure over TLV may produce pneumoconiosis.
- Chronic exposure may cause permanent damage of health.

**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**

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

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.

**Skin Contact:**

Wash off with plenty of water.

**Ingestion:**

Get medical attention if symptoms occur

**Inhalation:**

Move to fresh air. 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 (%):       | not determined                                   |
| Upper explosive limit (%):       | not determined                                   |
| 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.

#### 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.

### Exposure Guidelines

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

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | TWA (final)  | Ceilings limits (final) | Skin designations |
|--------------------------------|---------------------|--|-------------------------|-------------------|
| TITANIUM DIOXIDE<br>13463-67-7 | 10 - 15             | 15 mg/m <sup>3</sup> TWA dust<br>total   |                         |                   |
| PROPRIETARY INERT              | 5 - 10              | 15 mg/m <sup>3</sup> TWA dust<br>total<br>5 mg/m <sup>3</sup> TWA respirable<br>fraction   |                         |                   |
| CLAY<br>66402-68-4             | 5 - 10              | 5 mg/m <sup>3</sup> TWA Zr   |                         |                   |
| SILICA<br>14808-60-7           | .1 - 1              | (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup><br>TWA, total dust<br>(250)/(%SiO <sub>2</sub> + 5) mppcf<br>TWA, respirable fraction<br>(10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup><br>TWA, respirable fraction |                         |                   |

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

| Ingredient Name<br>CAS-No.     | Approx.<br>Weight % | TWA                      | STEL | Ceiling limits | Skin<br>designations |
|--------------------------------|---------------------|--------------------------|------|----------------|----------------------|
| TITANIUM DIOXIDE<br>13463-67-7 | 10 - 15             | 10 mg/m <sup>3</sup> TWA |      |                |                      |

| Ingredient Name<br>CAS-No. | Approx.<br>Weight % | TWA   | STEL                         | Ceiling limits | Skin<br>designations |
|----------------------------|---------------------|---|------------------------------|----------------|----------------------|
| PROPRIETARY INERT          | 5 - 10              | 10 mg/m <sup>3</sup><br>Inhalable particles.<br>3 mg/m <sup>3</sup><br>Respirable<br>particles. |                              |                |                      |
| CLAY<br>66402-68-4         | 5 - 10              | 0.2 mg/m <sup>3</sup> TWA Mn<br>5 mg/m <sup>3</sup> TWA Zr                                      | 10 mg/m <sup>3</sup> STEL Zr |                |                      |
| SILICA<br>14808-60-7       | .1 - 1              | 0.025 mg/m <sup>3</sup> TWA<br>respirable fraction  |                              |                |                      |

## 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):              | 0.6                           |
| Boiling point:                          | 212°F (100°C)                 |
| Solubility in water:                    | not determined                |
| Coefficient of water/oil distribution:  | not determined                |
| Density (lbs per US gallon):            | 10.95                         |
| Specific Gravity:                       | 1.31                          |
| Evaporation rate (butyl acetate = 1.0): | 0.1                           |
| Flash point (Fahrenheit):               | 205                           |
| Flash point (Celsius):                  | 96                            |
| Lower explosive limit (%):              | not determined                |
| Upper explosive limit (%):              | not determined                |
| Autoignition temperature:               | not determined                |

## 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<br>CAS-No.     | Approx.<br>Weight % | NIOSH - Selected LD50s and LC50s |
|--------------------------------|---------------------|----------------------------------|
| TITANIUM DIOXIDE<br>13463-67-7 | 10 - 15             | > 10000 mg/kg Oral LD50 Rat      |
| SILICA<br>14808-60-7           | .1 - 1              | = 500 mg/kg Oral LD50 Rat        |

### Mutagens/Teratogens/Carcinogens:

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<br>CAS-No. | Approx.<br>Weight % | California Prop 65 - Reproductive<br>(Female) | California Prop 65 - Carcinogen              |
|----------------------------|---------------------|---|--|
| SILICA<br>14808-60-7       | .1 - 1              |   | Listed. initial date 10/1/88 -<br>carcinogen |

| 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 | 10 - 15             |                                  |                                       | Monograph 47 [1989]                       |
| CLAY<br>66402-68-4             | 5 - 10              |                                  |                                       | Monograph 43 [1988]                       |
| SILICA<br>14808-60-7           | .1 - 1              | Monograph 68 [1997]              |                                       |   |

| Ingredient Name<br>CAS-No. | Approx.<br>Weight % | NTP Known Carcinogens  | NTP Suspect Carcinogens |
|----------------------------|---------------------|------------------------|-------------------------|
| SILICA<br>14808-60-7       | .1 - 1              | Known Human Carcinogen |                         |

| 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 | 10 - 15             | Present                                       |  |                                  |
| CLAY<br>66402-68-4             | 5 - 10              | Present                                       |  |                                  |
| SILICA<br>14808-60-7           | .1 - 1              | Present                                       |  | A2 Suspected Human<br>Carcinogen |

## 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

## 14. TRANSPORTATION INFORMATION

### 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):

Proper shipping name: NOT REGULATED

#### International Maritime Organization (IMO):

Proper shipping name: NOT REGULATED  
Marine Pollutant No

## 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:

#### 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:

|                   |              |
|-------------------|--------------|
| PROPRIETARY INERT | Trade Secret |
| TITANIUM DIOXIDE  | 13463-67-7   |
| CLAY              | 66402-68-4   |

#### Additional Non-Hazardous Materials

|                   |              |
|-------------------|--------------|
| WATER             | 7732-18-5    |
| PROPRIETARY INERT | 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

## 16. OTHER INFORMATION

### HMIS Codes

|               |  |
|---------------|--|
| Health:       | 1*   |
| 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:    | 17/Jul/2014                   |
| Revision Date: | 17/Jul/2014                   |