# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identification**

| | |
|---|---|
| **Product ID:** | **5790G90285** |
| Product Name: | PGMT GREEN |
| Product Use: | Paint product. |
| Print date: | 10/Aug/2011 |
| Revision Date: | 10/Aug/2011 |

**Company Identification**
The Valspar Corporation
2350 114TH ST.
GRAND PRAIRIE, TX 75050

| | |
|---|---|
| **Manufacturer's Phone:** | 1-800-472-6243 |
| **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.

**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 COLOR PIGMENT | 10 - 15 | PROPRIETARY COLOR PIGMENT |
| C.I. PIGMENT YELLOW 184<br>14059-33-7 | 10 - 15 | Bismuth vanadium oxide (BiVO4) |
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | Titanium dioxide |

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): | 300 |
| Flash point (Celsius): | 149 |
| 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

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**Action to be taken if material is released or spilled:**
Avoid contact with eyes.

## 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:**
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 | .1 - 1 | 15 mg/m$^3$ TWA dust total | | |

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

| Ingredient Name<br>CAS-No. | Approx.<br>Weight % | TWA | STEL | Ceiling limits | Skin designations |
|---|---|---|---|---|---|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | 10 mg/m$^3$ TWA | | | |

## 9. PHYSICAL PROPERTIES

| | |
|---|---|
| Odor: | Normal for this product type. |
| Physical State: | liquid |
| pH: | not determined |
| Vapor pressure: | not determined mmHg @ 68ºF (20ºC) |
| Boiling point: | not determined |
| Solubility in water: | not determined |
| Coefficient of water/oil distribution: | not determined |
| Density (lbs per US gallon): | 10.31 |
| Specific Gravity: | 1.24 |
| Evaporation rate (butyl acetate = 1.0): | not determined |

## 9. PHYSICAL PROPERTIES

| | |
|---|---|
| Flash point (Fahrenheit): | 300 |
| Flash point (Celsius): | 149 |
| 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. Weight % | NIOSH - Selected LD50s and LC50s |
|---|---|---|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | > 10000 mg/kg Oral LD50 Rat |

**Mutagens/Teratogens/Carcinogens:**

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. Weight % | IARC Group 1 - Human Evidence | IARC Group 2A - Limited Human Data | IARC Group 2B - Sufficient Animal Data |
|---|---|---|---|---|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | | | Monograph 47 [1989] |

| Ingredient Name<br>CAS-No. | Approx. Weight % | NTP Known Carcinogens | NTP Suspect Carcinogens | NTP Evidence of Carcinogenicity |
|---|---|---|---|---|
| TITANIUM DIOXIDE<br>13463-67-7 | .1 - 1 | | | male rat-negative;<br>female rat-negative;<br>male mice-negative;<br>female mice-negative |

| Ingredient Name<br>CAS-No. | Approx. Weight % | OSHA - Hazard Communication Carcinogens | OSHA - Specifically 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

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Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation**
UN ID Number (msds): NRPAIN
Proper Shipping Name: 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 Number (msds): NRPAIN
Proper Shipping Name: PAINT, NOT REGULATED

**International Maritime Organization (IMO):**
IMO UN/ID Number (msds): NRPAIN
Proper Shipping Name: PAINT, NOT REGULATED

## 15. REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:**

| Ingredient Name<br>CAS-No. | Approx.<br>Weight % | SARA 302 | SARA 313 | CERCLA RQ in lbs. |
|---|---|---|---|---|
| C.I. PIGMENT YELLOW 184<br>14059-33-7 | 10 - 15 | | YES | |

**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:**

C.I. PIGMENT YELLOW 184 14059-33-7
PROPRIETARY COLOR PIGMENT Trade Secret

**Additional Non-Hazardous Materials**

PROPRIETARY COLOR PIGMENT Trade Secret
PROPRIETARY RESIN Trade Secret

**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:** | 1* |
| **Flammability:** | 1 |
| **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: | 10/Aug/2011 |
| Revision Date: | 10/Aug/2011 |