

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700  
Rust-Oleum Corp.  
www.rustoleum.com

## Section 1 - Chemical Product / Company Information

Product Name: RO 1-GL 2PK SATIN P&F ANTISKID DOVE GRAY  
Revision Date: 05/09/2008  
Identification Number: 246744  
Product Use/Class: Porch and Floor Coating/WB Acrylic  
Supplier: Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA  
Manufacturer: Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA  
Preparer: Regulatory Department

## Section 2 - Composition / Information On Ingredients

| Chemical Name    | CAS Number | Weight % Less |  | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL CEILING |
|------------------|------------|---------------|--|---------------|----------------|--------------|------------------|
|                  |            | Than          |  |               |                |              |                  |
| Titanium Dioxide | 13463-67-7 | 10.0          |  | N.E.          | N.E.           | N.E.         | N.E.             |
| Pumice           | 1332-09-8  | 10.0          |  | N.E.          | N.E.           | N.E.         | N.E.             |
| Ester Alcohol    | 25265-77-4 | 5.0           |  | N.E.          | N.E.           | N.E.         | N.E.             |
| Ethylene Glycol  | 107-21-1   | 1.0           |  | 100 mg/m3     | N.E.           | 50 ppm       | N.E.             |
| Carbon Black     | 1333-86-4  | 1.0           |  | 3.5 MG/M3     | N.E.           | 3.5 MG/M3    | N.E.             |

## Section 3 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: Use ventilation necessary to keep exposures below recommended exposure limits, if any.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects Of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B- "Possibly carcinogenic to humans" by IARC. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula.

Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Eye Contact

## **Section 4 - First Aid Measures**

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

## **Section 5 - Fire Fighting Measures**

Flash Point: 212 F  
(Setaflash)

LOWER EXPLOSIVE LIMIT: 0.9 %  
UPPER EXPLOSIVE LIMIT : 25.0 %

Extinguishing Media: Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

Special Firefighting Procedures: Water may be used to cool closed containers to prevent buildup of steam.

## **Section 6 - Accidental Release Measures**

Steps To Be Taken If Material Is Released Or Spilled: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## **Section 7 - Handling And Storage**

Handling: Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes.

Storage: Keep from freezing. Keep container closed when not in use.

## **Section 8 - Exposure Controls / Personal Protection**

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements

must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

## Section 9 - Physical And Chemical Properties

|                    |                 |                   |                   |
|--------------------|-----------------|-------------------|-------------------|
| Boiling Range:     | 193 - 999 F     | Vapor Density:    | Heavier than Air  |
| Odor:              | Mild Amine Like | Odor Threshold:   | N.D.              |
| Appearance:        | Liquid          | Evaporation Rate: | Slower than Ether |
| Solubility in H2O: | Miscible        |                   |                   |
| Freeze Point:      | N.D.            | Specific Gravity: | 1.224             |
| Vapor Pressure:    | N.D.            | PH:               | N.D.              |
| Physical State:    | Liquid          |                   |                   |

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid contact with strong acid and strong bases.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. By open flame, carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

Product LD50:

Product LC50:

### **Chemical Name**

Titanium Dioxide

Pumice

Ester Alcohol

Ethylene Glycol

Carbon Black

### **LD50**

N.E.

N.E.

6517 mg/kg (ORAL, RAT)

>8000 mg/kg (ORAL, RAT)

### **LC50**

N.E.

N.E.

>3.55 mg/l (INH 6 Hr, RAT)

## Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

### Section 13 - Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

### Section 14 - Transportation Information

|                           |               |                   |     |
|---------------------------|---------------|-------------------|-----|
| DOT Proper Shipping Name: | Paint         | Packing Group:    | --- |
| DOT Technical Name:       | ---           | Hazard Subclass:  | --- |
| DOT Hazard Class:         | Not Regulated | Resp. Guide Page: | --- |
| DOT UN/NA Number:         | ---           |                   |     |

### Section 15 - Regulatory Information

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD

#### SARA Section 313:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

#### Toxic Substances Control Act:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

#### U.S. State Regulations: As follows -

##### New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

| <u>Chemical Name</u>      | <u>CAS Number</u> |
|---------------------------|-------------------|
| Water                     | 7732-18-5         |
| Acrylic Resin             | PROPRIETARY       |
| Potassium Aluminosilicate | 37244-96-5        |

##### Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

| <u>Chemical Name</u> | <u>CAS Number</u> |
|----------------------|-------------------|
|----------------------|-------------------|

Water  
Acrylic Resin  
Potassium Aluminosilicate  
Acrylic Hybrid Emulsion  
Mica

7732-18-5  
PROPRIETARY  
37244-96-5  
PROPRIETARY  
12001-26-2

**California Proposition 65:**

WARNING! This product contains a chemical(s) known by the State of California to cause cancer.

WARNING! This product contains a chemical(s) known to the state of California to cause birth defects or other reproductive harm.

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** D2A D2B

|                                       |
|---------------------------------------|
| <b>Section 16 - Other Information</b> |
|---------------------------------------|

**HMIS Ratings:**

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: X

**REASON FOR REVISION:** Regulatory Update

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.