

# 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: ACRYLC 5-GL 5200 GRAY PRIMER      Revision Date: 09/14/2009  
 Identification Number: 5281300  
 Product Use/Class: Primer/Latex  
 Supplier: Rust-Oleum Corporation      Manufacturer: Rust-Oleum Corporation  
             11 Hawthorn Parkway                              11 Hawthorn Parkway  
             Vernon Hills, IL 60061                              Vernon Hills, IL 60061  
             USA    USA  
 Preparer: Regulatory Department

## Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than		ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
Titanium Dioxide	13463-67-7	10.0		10 mg/m3	N.E.	15 mg/m3 (Total Dust)	N.E.
Diethylene Glycol Monomethyl Ether	111-77-3	5.0		N.E.	N.E.	N.E.	N.E.
Zinc Phosphate	7779-90-0	5.0		N.E.	N.E.	N.E.	N.E.
Dibutyl Phthalate	84-74-2	5.0		5 mg/m3	N.E.	5 mg/m3	N.E.
Propylene Glycol Monobutyl Ether	5131-66-8	5.0		N.E.	N.E.	N.E.	N.E.
Ethylene Glycol Monoethylhexyl Ether	1559-35-9	5.0		N.E.	N.E.	N.E.	N.E.
Quartz (Crystalline Silica)	14808-60-7	1.0		0.025 mg/m3	N.E.	2.4 mppcf (Respirable)	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 crystalline silica as silicon dioxide. Excessive inhalation of respirable crystalline silica dust may cause lung disease, silicosis or lung cancer. Significant exposure is not anticipated during brush or trowel application or drying.

Risk of overexposure depends on the duration and level of exposure to dust from repeated sanding of surfaces, mechanical abrasion or spray mist and actual concentration of crystalline silica in the formula. Crystalline silica is listed as Group 1 "carcinogenic to humans" by the International Agency for Research on Cancer (IARC), and Group 2 "reasonably anticipated to be a carcinogen" by the National Toxicology Program (NTP). Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, loss of coordination and fatigue).

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

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

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

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. Do NOT use mouth-to-mouth resuscitation.

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: >200 F  
(Setaflash)

LOWER EXPLOSIVE LIMIT: 0.5 %  
UPPER EXPLOSIVE LIMIT : 25.0 %

Extinguishing Media: Film Forming Foam, Carbon Dioxide, Dry Chemical, 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. Avoid contact with eyes. Wash hands before eating.

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

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

**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:	115 - 642 F	Vapor Density:	Heavier than Air
Odor:	Mild Ammonia	Odor Threshold:	N.E.
Appearance:	Liquid	Evaporation Rate:	Slower than Ether
Solubility in H <sub>2</sub> O:	Miscible		
Freeze Point:	N.D.	Specific Gravity:	1.212
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: N.D.

Product LC50: N.D.

### **Chemical Name**

Titanium Dioxide  
Diethylene Glycol Monomethyl Ether  
Zinc Phosphate  
Dibutyl Phthalate  
Propylene Glycol Monobutyl Ether  
Ethylene Glycol Monoethylhexyl Ether  
Quartz (Crystalline Silica)

### **LD50**

>7500 mg/kg (Rat, Oral)  
7000 mg/kg (Rat, Oral)  
N.E.  
8000 mg/kg (Rat, Oral)  
2200 mg/kg (Rat, Oral)  
4674 mg/kg (Rat, Oral)  
N.E.

### **LC50**

N.E.  
N.E.  
N.E.  
N.E.  
N.E.  
N.E.  
N.E.

**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:	N.A.	Packing Group:	N.A.
DOT Technical Name:	N.A.	Hazard Subclass:	N.A.
DOT Hazard Class:	Not Regulated	Resp. Guide Page:	N.A.
DOT UN/NA Number:	N.A.		

**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, FIRE 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:

<b>Chemical Name</b>	<b>CAS Number</b>
Diethylene Glycol Monomethyl Ether	111-77-3
Zinc Phosphate	7779-90-0
Dibutyl Phthalate	84-74-2

**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:

It is the policy of Rust-Oleum Corporation to use only TSCA compliant materials in its products.

**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.

**Chemical Name**

Water  
Modified Acrylic Copolymer  
Calcium Carbonate  
Propylene Glycol

**CAS Number**

7732-18-5  
PROPRIETARY  
1317-65-3  
57-55-6

**Pennsylvania Right-to-Know:**

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

**Chemical Name**

Water  
Modified Acrylic Copolymer  
Calcium Carbonate  
Propylene Glycol

**CAS Number**

7732-18-5  
PROPRIETARY  
1317-65-3  
57-55-6

**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:** D2B

<b>Section 16 - Other Information</b>
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**HMIS Ratings:**

Health: 2\*

Flammability: 0

Reactivity: 0

Personal Protection: X

**REASON FOR REVISION:** Regulatory Update

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

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.