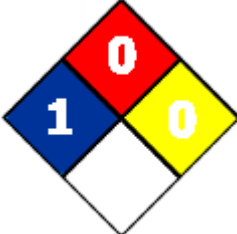




Material Safety Data Sheet

NFPA	WHMIS	PPE	Transport Symbol
			Not Regulated

Preparation Date 12-Dec-2006

Revision Date 04-Apr-2011

Revision Number 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Rust-Go® VOC Top Coat White
Product Code 1520
UN-No Not available

Contact Manufacturer

The Garland Company, Inc.
3800 East 91st. Street
Cleveland, Ohio 44105-2197
Ph: (800) 762-8225 Fax: (216) 641-0633

Garland Canada, Inc.
1296 Martin Grove Rd.
Toronto, Ontario M9W 4X3
Ph: (416)747-7995 Fax: (416)747-1980

Emergency Telephone Number 1-800-762-8225 (24 Hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview

Irritant

Appearance White.

Physical State Liquid.

Odor Slight.

Mexico - Grade Slight risk, Grade 1

Potential Health Effects

Principle Routes of Exposure Eye contact, Skin contact.

Acute Effects

Eyes

May cause slight irritation.

Skin

Substance may cause slight skin irritation.

Inhalation

May cause irritation of respiratory tract.

Ingestion

Ingestion may cause irritation to mucous membranes.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Not available.

Interactions with Other Chemicals Not available.

Potential Environmental Effects See Section 12 for additional Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Quartz (Crystalline Silica)	14808-60-7	5 - 10	1
Zinc Oxide	1314-13-2	5 - 10	1

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Skin Contact	Wash off with warm water and soap.
Inhalation	Move to fresh air.
Ingestion	Drink 1 or 2 glasses of water. Do not induce vomiting. Consult a physician. Never give anything by mouth to an unconscious person.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	Not available
Hazardous Combustion Products	Not available
Explosion Data	
Sensitivity to mechanical impact	No
Sensitivity to static discharge	No

Specific Hazards Arising from the Chemical

No information available.

Protective Equipment and Precautions for Firefighters

Standard procedure for chemical fires.

NFPA

Health 1

Flammability 0

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Keep out of waterways.
Methods for Containment	Dike with inert absorbant material

Methods for Cleaning Up Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

Other Information Not applicable

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin and eyes.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures above 0°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Quartz (Crystalline Silica)	TWA: 0.025 mg/m ³		TWA: 0.10 mg/m ³	TWA: 0.1 mg/m ³
Zinc Oxide	TWA: 2 mg/m ³ STEL: 10 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	STEL: 10 mg/m ³ TWA: 2 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 10 mg/m ³

Chemical Name	NIOSH IDLH
Quartz (Crystalline Silica)	50 mg/m ³
Zinc Oxide	500 mg/m ³

Engineering Measures Do not allow ventilation equipment to draw material odors indoors.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.
Skin Protection Long sleeved clothing.
Respiratory Protection No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hygiene Measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White	
Odor	Slight	
Physical State	Liquid	
pH	Not available	
Flash Point	Not available	
Autoignition Temperature	Not available	
Boiling Point/Range	365-475°F	
Freezing Point	32°F / 0°C	
Flammability Limits in Air	Lower Not available	Upper Not available
Explosive Properties	Not available	
Oxidizing Properties	Not available	
Evaporation Rate	0.010 (ether = 1)	
Vapor Pressure	Not available	
Vapor Density	Not available	

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	Not available
Water Solubility	Soluble in water
Volatiles	49.75

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	Temperatures above 0°C.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Quartz (Crystalline Silica)	500 mg/kg Rat		
Zinc Oxide	5000 mg/kg Rat		

Chronic Toxicity

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA	Mexico
Quartz (Crystalline Silica)	A2	Group 1	Known	X	

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Persistence/Degradability	Not available
Bioaccumulation/ Accumulation	Not available
Mobility in Environmental Media	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local, state, and federal regulations
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Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal

US EPA Waste Number Not available

14. TRANSPORT INFORMATION

DOT Not Regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Quartz (Crystalline Silica)	X	X	-	X	-	X	X	X	X	X
Zinc Oxide	X	X	-	X	-	X	X	X	X	X

TSCA Complies

DSL Complies

NDSL Complies

EINECS Complies

ELINCS Does not Comply

ENCS Complies

CHINA Complies

KECL Complies

PICCS Complies

AICS Complies

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

State Regulations

California Proposition 65

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

Chemical Name	CAS-No	Category	Type
Quartz (Crystalline Silica)	14808-60-7	Carcinogen	

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Quartz (Crystalline Silica)	X	X	X		X
Zinc Oxide	X	X	X		X

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials

16. OTHER INFORMATION

Preparation Date 12-Dec-2006

Revision Date 04-Apr-2011

Revision Summary Not available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS