Rust-Go® VOC Top Coat Gray

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: 04/03/2020 Date of issue: 04/03/2020

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Rust-Go VOC Top Coat Gray

Product Code: 1525

Intended Use of the Product

Coatings and paints, thinners, paint removers. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Garland Canada, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995
F-416-747-1980
www.garlandco.com

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2	H317
Germ Cell Muta. 1	H340

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H317-May cause an allergic skin reaction
H350-May cause cancer by route of exposure if conclusively proven that no other route applies
H402 – Harmful to aquatic life

Precautionary Statements (GHS-US) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective clothing, protective gloves, eye protection, face protection P302+P352 - If on skin: Wash with plenty of water/…
P308+P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see If symptoms persist, call a physician on this label) P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P501 - Dispose of contents/container to an approved waste disposal plant

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component

Name	Product Identifier	% (w/w)	Classification (GHS-US)

titanium(IV) oxide	(CAS-No.) 13463-67-7	10-20	Carc. 2, H351
distillates (petroleum), hydrotreated heavy naphthenic	(CAS No) 64742-52-5	< 1	Carc. 1B, H350
distillates (petroleum), solvent-dewaxed heavy paraffinic	(CAS-No.) 64742-65-0	< 1	Carc. 1B, H350
Carbon Black	(CAS-No.) 1333-86-4	< 1	Carc. 2, H351
3-iodo-2-propynyl butylcarbamate	(CAS No) 55406-53-6	< 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation:dust,mist), H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

SECTION 4: FIRST AID MEASURES

First-aid measures general: IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray. Dry powder. Foam. Carbon dioxide.

Advice for Firefighters

Fire Fighting Procedures: Exercise caution when fighting any chemical fire.

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Keep out of waterways.

Methods and Materials for Containment and Cleaning Up

For Containment and Cleaning Up: Dike with inert absorbent material. 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.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

General Handling: Avoid breathing dust, mist or spray. Avoid contact with skin and eyes. Avoid prolonged and repeated contact with skin. Clean contaminated clothing. Do not discharge the waste into the drain. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for Safe Storage

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Titanium (IV) oxide	TWA: 1 mg/m3	15 mg/m3

Chemical Name	ACGIH TLV	OSHA PEL
Carbon Black	TWA: 3 mg/m3	3.5 mg/m3

Personal Protective Equipment

Eye/face Protection : Tightly fitting safety goggles.

Skin Protection: Long sleeved clothing. Protective gloves.

Respiratory Protection : No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand Protection: Wear impervious gloves such as vinyl to minimize contact with skin.

Environmental Exposure Controls: No specific controls are needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Color	:	Gray
Odor	:	Mild odor
pH	:	9.5
Boiling Point (760 mm Hg)	:	94 - 100 °C
Flash Point – Closed Cup	:	> 94 °C
Specific Gravity (H_2O = 1)	:	1.23 – 1.36 g/ml
VOC	:	<50 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of use.

Conditions to Avoid: None under recommended storage and handling conditions.

Incompatible Materials: No materials to be especially mentioned.

Hazardous Decomposition Products: None under normal use.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
3-iodo-2-propynyl butylcarbamate CAS #55406-53-6	300-500 mg/kg ,(Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value)	> 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)	0.67 mg/l/4h (Rat; Experimental value)
Distillates (petroleum) solvent-dewaxed heavy paraffinic CAS 64742-65-0	>5000 mg/kg (Rat; literature study)	>5000 mg/kg body weight, (rabbit, literature study)	>5 mg/l/4h, (Rat, literature study)
Titanium(IV) oxide CAS 13463-67-7	>10000 mg/kg (Rat; OECD 425, Acute Oral Toxicity: Up-and-Down Procedure, experimental value)	>10000 mg/kg (Rabbit; literature study)	>6.8 mg/l/4h (Rat; experimental value)
Carbon Black CAS 1333-86-4	>8000 mg/kg (Rat, experimental Value)	>3000 mg/kg. (Rabbit, literature study)	>4.6 mg/l/4 h (Rat experimental value)

Skin corrosion/irritation : Not classified

pH: 9.5

Serious eye damage/irritation : Not classified
pH: 9.5

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer (Cancer suspected agent).

Acute Toxicity Estimates:

3-iodo-2-propynyl butylcarbamate	ATE US(ORAL):	ATE US(Vapors):	ATE US (dust, mist):
	500 mg/kg body weight	0.670mg/l/4h	0.670 mg/l/4h

Chronic Toxicity

California Proposition 65: WARNING: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

3-iodo-2-propynyl butylcarbamate CAS # 55406-53-6	
LC50 fish 2	0.2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system)
EC50 Daphnia 2	0.16 mg/l (EC50; EPA OPP 72-2; 48 h; Daphnia magna; Flow-through system)
Threshold limit algae 1	0.022 mg/l (EbC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system)

3-iodo-2-propynyl butylcarbamate CAS # 55406-53-6	
Persistence and degradability	Not readily biodegradable in water. Inherently biodegradable. Low potential for adsorption in soil.
Chemical oxygen demand (COD)	1.15 g O_2/g substance

3-iodo-2-propynyl butylcarbamate CAS # 55406-53-6	
BCF fish 1	3.3 - 4.5 (BCF)
Log Pow	2.81 (Literature; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

solvent naphtha (petroleum), light aromatic CAS # 64742-95-6	
Log Pow	2.1 - 6

3-iodo-2-propynyl butylcarbamate CAS # 55406-53-6	
Surface tension	0.0691 N/m (158 mg/l)
Log Koc	Koc,PCKOCWIN v1.66; 198.1; Calculated value

Carbon Black (1333-86-4)	
LC50 fish	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Literature study)
EC50 Daphnia 1	> 5600 mg/l (OECD 202: Daphnia sp. Acute Immobilization Test, 24 h, Daphnia magna, Static system, Fresh water, Experimental value)

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of in accordance with local, state, and federal regulations.

Unused and Contaminated Product: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : Not regulated

14.3 In Accordance with IATA

Proper Shipping Name : Not regulated

14.4 In Accordance with Mexico

Proper Shipping Name : Not regulated

SECTION 15: REGULATORY INFORMATION

USA

Federal Regulations:

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372:

Chemical Name	**SARA 313 - Threshold Values**
3-iodo-2-propynyl butylcarbamate (CAS #: 55406-53-6)	<1%

titanium(IV) oxide CAS # 13463-67-7	
Listed on IARC (International Agency for Research on Cancer)	

Carbon Black CAS # 1333-86-4	
Listed on IARC (International Agency for Research on Cancer)	

State Regulations:

3-iodo-2-propynyl butylcarbamate CAS # 55406-53-6	
U.S. - New Jersey - Right to Know Hazardous Substance List	
Titanium(IV) oxide CAS # 13463-67-7	
U.S. – New Jersey – Right to know Hazardous Substance List	

California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer.
Titanium(IV) Oxide and Carbon Black

SECTION 16: OTHER INFORMATION

Revision Date : April 3, 2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document : The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-1800-762-8225
F-216-641-0633

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.