

Safety Data Sheet



1. Identification

Product Name:	SEMI NEVERWET RAIN REPELLENT	Revision Date:	11/5/2019
Product Identifier:	316117	Supersedes Date:	10/25/2016
Recommended Use:	Glass Rain Repellent		
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		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

20% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Eye Irritation, category 2A	H319	Causes serious eye irritation.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Skin Corrosion, category 1	H314	Causes severe skin burns and eye damage.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.

P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, regional and national regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

3. Composition / Information On Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
2-Propanol	67-63-0	50-75	GHS02-GHS07	H225-302-319-336
Methyl Ethyl Ketone	78-93-3	10-25	GHS02-GHS07	H225-319-332-336
Triethoxyoctylsilane	2943-75-1	2.5-10	GHS07	H315
Sulfuric Acid	7664-93-9	1.0-2.5	GHS05	H314
Hydrochloric Acid	7647-01-0	0.1-1.0	GHS04-GHS05-GHS06	H280-301-314-331-335
Methanol	67-56-1	0.1-1.0	GHS02-GHS06-GHS08	H225-331-370

4. First-Aid Measures

FIRST AID - EYE CONTACT: No Information

FIRST AID - SKIN CONTACT: No Information

FIRST AID - INHALATION: No Information

FIRST AID - INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

SPECIAL FIREFIGHTING PROCEDURES: No Information

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: No Information

7. Handling and Storage

HANDLING: No Information

STORAGE: No Information

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
2-Propanol	67-63-0	55.0	200 ppm	400 ppm	400 ppm	N.E.
Methyl Ethyl Ketone	78-93-3	15.0	200 ppm	300 ppm	200 ppm	N.E.
Triethoxyoctylsilane	2943-75-1	10.0	N.E.	N.E.	N.E.	N.E.
Sulfuric Acid	7664-93-9	5.0	0.2 mg/m3	N.E.	1 mg/m3	N.E.
Hydrochloric Acid	7647-01-0	1.0	N.E.	N.E.	N.E.	5 ppm
Methanol	67-56-1	1.0	200 ppm	250 ppm	200 ppm	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: No Information

RESPIRATORY PROTECTION: No Information

SKIN PROTECTION: No Information

EYE PROTECTION: No Information

OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: No Information

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Alcohol Like	Odor Threshold:	N.E.
Specific Gravity:	0.838	pH:	1.1
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	2.0 - 12.0
Boiling Range, °C:	80 - 279	Flash Point, °C:	-5
Flammability:	Supports Combustion	Auto-ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: No Information

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION: No Information

HAZARDOUS POLYMERIZATION: No Information

STABILITY: No Information

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: No Information

EFFECTS OF OVEREXPOSURE - INHALATION: No Information

EFFECTS OF OVEREXPOSURE - INGESTION: Poison, may be fatal or cause blindness if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure to methyl ethyl ketone in laboratory animals has been associated with liver abnormalities, kidney and lung damage. Fetotoxic/embryotoxic effects from inhalation have been seen in rats exposed to >1000ppm during gestation.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
67-63-0	2-Propanol	1870 mg/kg Rat	4059 mg/kg Rabbit	72.6 mg/L Rat
78-93-3	Methyl Ethyl Ketone	2483 mg/kg Rat	5000 mg/kg Rabbit	N.E.
7664-93-9	Sulfuric Acid	2140 mg/kg Rat	N.E.	N.E.
7647-01-0	Hydrochloric Acid	238 - 277 mg/kg Rat	>5010 mg/kg Rabbit	N.E.
67-56-1	Methanol	6200 mg/kg Rat	15840 mg/kg Rabbit	N.E.

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

13. Disposal Information

DISPOSAL INFORMATION: No Information

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	2924	2924	2924	2924
Proper Shipping Name:	Flammable liquids, corrosive NOS (Methyl Ethyl Ketone, Sulfuric Acid)	Flammable liquid, corrosive NOS (Methyl Ethyl Ketone, Sulfuric Acid)	Flammable liquid, corrosive NOS (Methyl Ethyl Ketone, Sulfuric Acid)	Flammable liquid, corrosive NOS (Methyl Ethyl Ketone, Sulfuric Acid)
Hazard Class:	3, (8)	3, (8)	3, (8)	3, (8)
Packing Group:	II	II	II	II
Limited Quantity:	No	No	Forbidden	No

15. Regulatory Information

U.S. Federal Regulations:

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:

Flammable (gases, aerosols, liquids, or solids), Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

Sara Section 313:

This product contains the following substances 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:

<u>Chemical Name</u>	<u>CAS-No.</u>
Methyl Ethyl Ketone	78-93-3
Sulfuric Acid	7664-93-9
Hydrochloric Acid	7647-01-0
Methanol	67-56-1

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations:**California Proposition 65:****WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.**16. Other Information****HMIS RATINGS****Health:** 2* **Flammability:** 3 **Physical Hazard:** 0 **Personal Protection:** X**NFPA RATINGS****Health:** 2 **Flammability:** 3 **Instability:** 0**Volatile Organic Compounds** 568 g/L**SDS REVISION DATE:** 11/5/2019

REASON FOR REVISION: Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
02 - Hazard Identification
03 - Composition/Information on Ingredients
08 - Exposure Controls/Personal Protection
11 - Toxicological Information
15 - Regulatory Information
16 - Other Information
Revision Statement(s) Changed

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

No Information