

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | R-O WET OR DRY EXTREME 10.1OZ 2PK BLK  | <b>Revision Date:</b>   | 3/26/2021  |
| <b>Product Identifier:</b>  | 373665   | <b>Supersedes Date:</b> | New SDS  |
| <b>Recommended Use:</b>     | Roof Sealant   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazards Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### Possible Hazards

99% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|                                     |      |   |
|-------------------------------------|------|---|
| Flammable Liquid, category 3        | H226 | Flammable liquid and vapor.                                     |
| STOT, Repeated Exposure, category 1 | H372 | Causes damage to organs through prolonged or repeated exposure. |

#### GHS LABEL PRECAUTIONARY STATEMENTS

|                |   |
|----------------|---|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.        |
| P233           | Keep container tightly closed.  |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.   |
| P264           | Wash hands thoroughly after handling.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                            |
| P314           | Get medical advice/attention if you feel unwell.  |
| P501           | Dispose of contents/container in accordance with local, regional and national regulations.            |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.   |
| P370+P378      | In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish. |
| P403+P235      | Store in a well-ventilated place. Keep cool.  |

#### GHS SDS PRECAUTIONARY STATEMENTS

No Information

|      |  |
|------|--|
| 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.          |
| P270 | Do not eat, drink or smoke when using this product.            |

### 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> |
|--|----------------|-------------------|--------------------|-----------------------|
| Asphalt                                  | 8052-42-4      | 50-75             | Not Available      | Not Available         |
| Stoddard Solvent                         | 8052-41-3      | 25-50             | GHS08              | H304-372              |
| Magnesium Aluminum Silicate, hydrated    | 12174-11-7     | 2.5-10            | Not Available      | Not Available         |
| Microcrystalline Cellulose               | 9004-34-6      | 2.5-10            | GHS06              | H331                  |
| Kaolin Clay                              | 1332-58-7      | 2.5-10            | Not Available      | Not Available         |
| 1-Propanamine, 3-(Isodecyloxy)-, Acetate | 28701-67-9     | 1.0-2.5           | GHS07              | H302                  |
| Crystalline Silica / Quartz              | 14808-60-7     | 0.1-1.0           | Not Available      | Not Available         |
| Solvent Naphtha, Light Aromatic          | 64742-95-6     | 0.1-1.0           | GHS07-GHS08        | H304-332              |
| n-Nonane                                 | 111-84-2       | 0.1-1.0           | GHS07              | H332                  |

### 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 skin with soap and water. Remove contaminated clothing. 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. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, get medical attention.

### 5. Fire-Fighting Measures

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

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

### 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

### 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**STORAGE:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**Advice on Safe Handling of Combustible Dust:** No Information

## 8. Exposure Controls / Personal Protection

| Chemical Name                            | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|--|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Asphalt                                  | 8052-42-4  | 60.0                  | 0.5 mg/m3         | N.E.               | N.E.         | N.E.                 |
| Stoddard Solvent                         | 8052-41-3  | 30.0                  | 100 ppm           | N.E.               | 500 ppm      | N.E.                 |
| Magnesium Aluminum Silicate, hydrated    | 12174-11-7 | 10.0                  | 1 mg/m3           | N.E.               | N.E.         | N.E.                 |
| Microcrystalline Cellulose               | 9004-34-6  | 5.0                   | 10 mg/m3          | N.E.               | 15 mg/m3     | N.E.                 |
| Kaolin Clay                              | 1332-58-7  | 5.0                   | 2 mg/m3           | N.E.               | 15 mg/m3     | N.E.                 |
| 1-Propanamine, 3-(Isodecyloxy)-, Acetate | 28701-67-9 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Crystalline Silica / Quartz              | 14808-60-7 | 1.0                   | 0.025 mg/m3       | N.E.               | 50 µg/m3     | N.E.                 |
| Solvent Naphtha, Light Aromatic          | 64742-95-6 | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| n-Nonane                                 | 111-84-2   | 1.0                   | 200 ppm           | N.E.               | N.E.         | N.E.                 |

### PERSONAL PROTECTION

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

**RESPIRATORY PROTECTION:** Wear an approved (or equivalent) full-facepiece airline respirator according to AS/NZS 1715-2009 and AS/NZS 1716-2012 in the positive pressure mode with emergency escape provisions. An approved air purifying respirator with organic vapor cartridge or canister according to AS/NZS 1715-2009 and AS/NZS 1716-2012 may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. A respiratory protection program that meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements must be followed whenever workplace conditions warrant a respirator's use. Users of this product in industrial/OEM applications must use one of the following forms of respiratory protection:

- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant supplied-air respirator operated in pressure demand or continuous flow mode and equipped with a tight fitting facepiece
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant powered air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges.

**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 guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                 |                     |  |           |
|---------------------------------|---------------------|--|-----------|
| <b>Appearance:</b>              | Liquid              | <b>Physical State:</b>                         | Liquid    |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.      |
| <b>Specific Gravity:</b>        | 1.001               | <b>pH:</b>                                     | N.A.      |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.      |
| <b>Solubility in Water:</b>     | Slight              | <b>Partition Coefficient, n-octanol/water:</b> | N.D.      |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 1.0 - 6.0 |
| <b>Boiling Range, °C:</b>       | 159 - 537           | <b>Flash Point, °C:</b>                        | 39        |
| <b>Flammability:</b>            | Supports Combustion | <b>Auto-Ignition Temp., °C:</b>                | N.D.      |
| <b>Evaporation Rate:</b>        | Slower than Ether   | <b>Vapor Pressure:</b>                         | N.D.      |
| <b>Vapor Density:</b>           | Heavier than Air    |  |           |

(See "Other information" Section for abbreviation legend)

No Information

## 10. Stability and Reactivity

**Conditions to Avoid:** No Information

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

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Substance causes moderate eye irritation.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Substance may cause slight skin irritation.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. Constituents of this product include crystalline silica dust which can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen. Constituents may also contain prismatic tremolite as an impurity, and sufficient exposure to respirable prismatic tremolite dust may cause serious lung problems. Routine handling and application does not require use of respiratory protection; however, if air monitoring demonstrates vapor, mist, or dust levels above applicable limits, wear an appropriate, properly fitted respirator (meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements) during handling and application. Follow respirator manufacturer's directions for respirator use.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**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> |
|----------------|---------------------------------|------------------|--------------------|-------------------|
| 8052-42-4      | Asphalt                         | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | >25               |
| 8052-41-3      | Stoddard Solvent                | N.E.             | >3000 mg/kg Rabbit | N.E.              |
| 9004-34-6      | Microcrystalline Cellulose      | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | >5.8 mg/L Rat     |
| 1332-58-7      | Kaolin Clay                     | 5500 mg/kg       | >5000 mg/kg Rat    | 25                |
| 14808-60-7     | Crystalline Silica / Quartz     | 5500 mg/kg Rat   | 5500               | 100 mg/L          |
| 64742-95-6     | Solvent Naphtha, Light Aromatic | 8400 mg/kg Rat   | >2000 mg/kg Rabbit | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u>                   | <u>Air (IATA)</u>                             | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|---|---|---------------------|
| UN Number:            | N.A.                    | 1993  | 1993  | N.A.                |
| Proper Shipping Name: | Not Regulated           | Flammable Liquid, N.O.S.<br>(Mineral Spirits) | Flammable Liquid,<br>N.O.S. (Mineral Spirits) | Not Regulated       |
| Hazard Class:         | N.A.                    | 3   | 3   | N.A.                |
| Packing Group:        | N.A.                    | III   | III   | N.A.                |
| Limited Quantity:     | No                      | Yes   | Yes   | 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), 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:

No Sara 313 components exist in this product.

#### 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| n-Nonane             | 111-84-2       |

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. Other Information

#### HMIS RATINGS

Health: 2\*    Flammability: 2    Physical Hazard: 0    Personal Protection: X

#### NFPA RATINGS

Health: 2    Flammability: 2    Instability: 0

Volatile Organic Compounds: 240 g/L

SDS REVISION DATE: 3/26/2021

#### REASON FOR REVISION:

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

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 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.