

# Safety Data Sheet



## 1. Identification

|                             |                                                                                |                         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| <b>Product Name:</b>        | Varathane / Premium Floor Finish - 275 VOC                                     | <b>Revision Date:</b>   | 11/28/2023                                                                     |
| <b>Product Identifier:</b>  | WPS1771683                                                                     | <b>Supersedes Date:</b> | New SDS                                                                        |
| <b>Recommended Use:</b>     | WERCS Use ONLY                                                                 |                         |                                                                                |
| <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

10% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|                                        |      |                                                                 |
|----------------------------------------|------|-----------------------------------------------------------------|
| Flammable Liquid, category 3           | H226 | Flammable liquid and vapour.                                    |
| Skin Irritation, category 2            | H315 | Causes skin irritation.                                         |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                            |
| Eye Irritation, category 2A            | H319 | Causes serious eye irritation.                                  |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.                                             |
| STOT, Single Exposure, category 3, RT1 | H335 | May cause respiratory irritation.                               |
| Germ Cell Mutagenicity, category 1B    | H340 | May cause genetic defects.                                      |
| Carcinogenicity, category 1B           | H350 | May cause cancer.                                               |
| Reproductive Toxicity, category 1B     | H360 | May damage fertility or the unborn child.                       |
| STOT, Repeated Exposure, category 1    | H372 | Causes damage to organs through prolonged or repeated exposure. |

#### GHS LABEL PRECAUTIONARY STATEMENTS

|      |                                                                                                |
|------|------------------------------------------------------------------------------------------------|
| P201 | Obtain special instructions before use.                                                        |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray.                                              |
| P264 | Wash thoroughly after handling.                                                                |

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P271           | Use only outdoors or in a well-ventilated area.                                                                                  |
| P272           | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P280           | Wear protective gloves / protective clothing / eye protection / face protection.                                                 |
| P321           | Specific treatment (see notice on this label).                                                                                   |
| P405           | Store locked up.                                                                                                                 |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.                                                                           |
| P370+P378      | In case of fire: Extinguish using suitable extinguishing media.                                                                  |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P403+P235      | Store in a well-ventilated place. Keep cool.                                                                                     |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P317           | Get medical help.                                                                                                                |
| P319           | Get medical help if you feel unwell.                                                                                             |
| P332+P317      | If skin irritation occurs: Get medical help.                                                                                     |
| P333+P317      | If skin irritation or rash occurs: Get medical help.                                                                             |
| P337+P317      | If eye irritation persists: Get medical help.                                                                                    |

**GHS SDS PRECAUTIONARY STATEMENTS**

|      |                                                                              |
|------|------------------------------------------------------------------------------|
| P240 | Ground and bond container and receiving equipment.                           |
| P241 | Use explosion-proof electrical, ventilating, lighting, or pouring equipment. |
| P242 | Use non-sparking tools.                                                      |
| P243 | Take action to prevent static discharges.                                    |
| P270 | Do not eat, drink or smoke when using this product.                          |

**3. Composition / Information on Ingredients****HAZARDOUS SUBSTANCES**

| <b><u>Chemical Name</u></b>            | <b><u>CAS-No.</u></b> | <b><u>Wt.% Range</u></b> | <b><u>GHS Symbols</u></b> | <b><u>GHS Statements</u></b>          |
|----------------------------------------|-----------------------|--------------------------|---------------------------|---------------------------------------|
| 1-Chloro-4-(Trifluoromethyl)Benzene    | 98-56-6               | 25-50                    | GHS07                     | H315-319-332-335                      |
| Mineral Spirits                        | 64742-88-7            | 2.5-10                   | GHS08                     | H304-372                              |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0            | 2.5-10                   | GHS08                     | H304-340-350                          |
| Amorphous Precipitated Silica          | 112926-00-8           | 1.0-2.5                  | Not Available             | Not Available                         |
| Zirconium 2-Ethylhexanoate             | 22464-99-9            | 0.1-1.0                  | GHS07-GHS08               | H315+H320-360                         |
| n-Nonane                               | 111-84-2              | 0.1-1.0                  | GHS07                     | H332                                  |
| Xylenes (o-, m-, p- Isomers)           | 1330-20-7             | 0.1-1.0                  | GHS02-GHS07               | H226-315-319-332                      |
| Methyl Ethyl Ketoxime                  | 96-29-7               | 0.1-1.0                  | GHS05-GHS06-GHS07-GHS08   | H302+H312-315-317-318-331-336-370-373 |
| Stoddard Solvent                       | 8052-41-3             | 0.1-1.0                  | GHS08                     | H304-372                              |
| Ethylbenzene                           | 100-41-4              | 0.1-1.0                  | GHS02-GHS07-GHS08         | H225-304-332-351-373                  |
| Cobalt 2-Ethylhexanoate                | 136-52-7              | 0.1-1.0                  | GHS08                     | H360                                  |

#### 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. Remove contact lenses, if present and easy to do. Continue rinsing.

**FIRST AID - SKIN CONTACT:** Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Wash contaminated clothing and decontaminate footwear before reuse.

**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:** Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately. If swallowed, get medical attention.

#### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Aqueous 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. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Combustible liquid and vapor.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

**Special Fire and Explosion Hazard (Combustible Dust):** Not a combustible dust.

#### 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Eliminate all ignition sources; use explosion-proof equipment. Place material in a container and dispose of according to local, provincial, state and federal regulations. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8.

#### 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. Ground and bond containers when transferring material from one vessel to another. Vapor can be ignited by static discharge. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Do not get in eyes, on skin or clothing.

**STORAGE:** Keep away from heat, sparks, flame and sources of ignition. 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 |
|-------------------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| 1-Chloro-4-(Trifluoromethyl)<br>Benzene   | 98-56-6     | 45.0                  | 2.5 mg/m3         | N.E.               | 2.5 mg/m3    | N.E.                 |
| Mineral Spirits                           | 64742-88-7  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Naphtha, Petroleum,<br>Hydrotreated Light | 64742-49-0  | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Amorphous Precipitated Silica             | 112926-00-8 | 5.0                   | N.E.              | N.E.               | 20 mppcf     | N.E.                 |
| Zirconium 2-Ethylhexanoate                | 22464-99-9  | 1.0                   | 5 mg/m3           | 10 mg/m3           | 5 mg/m3      | N.E.                 |
| n-Nonane                                  | 111-84-2    | 1.0                   | 200 ppm           | N.E.               | N.E.         | N.E.                 |
| Xylenes (o-, m-, p- Isomers)              | 1330-20-7   | 1.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Methyl Ethyl Ketoxime                     | 96-29-7     | 1.0                   | 10 ppm            | N.E.               | N.E.         | N.E.                 |
| Stoddard Solvent                          | 8052-41-3   | 1.0                   | 100 ppm           | N.E.               | 500 ppm      | N.E.                 |
| Ethylbenzene                              | 100-41-4    | 1.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Cobalt 2-Ethylhexanoate                   | 136-52-7    | 1.0                   | N.E.              | 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. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin.

**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>        | 1.087               | <b>pH:</b>                                     | N.A.       |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | N.D.       |
| <b>Solubility in Water:</b>     | Negligible          | <b>Partition Coefficient, n-octanol/water:</b> | N.D.       |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 0.9 - 10.5 |
| <b>Boiling Range, °C:</b>       | 136 - 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)

## 10. Stability and Reactivity

**Conditions to Avoid:** Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid contact with metals. Avoid excess heat.

**Incompatibility:** Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

**Hazardous Decomposition:** No Information

**Hazardous Polymerization:** No Information

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

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Can cause severe eye irritation. Causes eye burns. Causes eye and skin irritation which may lead to dermatitis with repeated exposures. Irritating, and may injure eye tissue if not removed promptly. High vapor concentrations can irritate eyes, nose and respiratory passages.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Prolonged or repeated skin contact may cause irritation. Substance is corrosive. Causes severe skin burns. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Severely irritating; may cause permanent skin damage.

**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.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Prolonged or repeated skin contact may cause dermatitis. May cause genetic defects. May damage fertility or the unborn child.

**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> |
|----------------|----------------------------------------|------------------|--------------------|-------------------|
| 98-56-6        | 1-Chloro-4-(Trifluoromethyl)Benzene    | 13000 mg/kg Rat  | >3300 mg/kg Rabbit | 33 mg/L Rat       |
| 64742-88-7     | Mineral Spirits                        | 19748 mg/kg Rat  | >4000 mg/kg Rabbit | 4951 mg/L Rat     |
| 64742-49-0     | Naphtha, Petroleum, Hydrotreated Light | >5000 mg/kg Rat  | >3160 mg/kg Rabbit | >4951 mg/L Rat    |
| 1330-20-7      | Xylenes (o-, m-, p- Isomers)           | 3500 mg/kg Rat   | >4350 mg/kg Rabbit | 29.08 mg/L Rat    |
| 96-29-7        | Methyl Ethyl Ketoxime                  | 930 mg/kg Rat    | 1100 mg/kg Rabbit  | >4.83 mg/L Rat    |
| 8052-41-3      | Stoddard Solvent                       | N.E.             | >3000 mg/kg Rabbit | 25                |
| 100-41-4       | Ethylbenzene                           | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat     |
| 136-52-7       | Cobalt 2-Ethylhexanoate                | N.E.             | >5000 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:** 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> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| <b>UN Number:</b>            | N.A.                    | 1263                        | 1263              | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Paint                       | Paint             | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | 3                           | 3                 | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | III                         | III               | N.A.                |
| <b>Limited Quantity:</b>     | 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), Carcinogenicity, Acute Toxicity (any route of exposure), Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

#### 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> |
|------------------------------|----------------|
| Xylenes (o-, m-, p- Isomers) | 1330-20-7      |
| Ethylbenzene                 | 100-41-4       |
| Cobalt 2-Ethylhexanoate      | 136-52-7       |

**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:

**Chemical Name**

n-Nonane

**CAS-No.**

111-84-2

**U.S. State Regulations:****California Proposition 65****WARNING:**Cancer and Reproductive Harm - [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: 262 g/L

SDS REVISION DATE: 11/28/2023

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

No Information