

# Safety Data Sheet



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## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | VARA QT 2PK STN&PLY SATIN HD<br>MISSION OAK  | <b>Revision Date:</b>   | 10/3/2024  |
| <b>Product Identifier:</b>  | 339611   | <b>Supersedes Date:</b> | 5/4/2018   |
| <b>Recommended Use:</b>     | Stain-Poly/Varathane   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA<br>Phone: +1 (847) 367-7700 | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA<br>Phone: +1 (847) 367-7700 |
| <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

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

#### GHS Hazard Statements

|                                     |      |   |
|-------------------------------------|------|---|
| Flammable Liquid, category 3        | H226 | Flammable liquid and vapour.                                    |
| Skin Sensitizer, category 1         | H317 | May cause an allergic skin reaction.                            |
| 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. |
| P233 | Keep container tightly closed.   |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray.  |
| P264 | Wash thoroughly after handling.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |
| P280 | Wear protective gloves / protective clothing / eye protection / face protection.               |
| P314 | Get medical advice/attention if you feel unwell.   |
| 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]. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |
| P370+P378      | In case of fire: Extinguish using suitable extinguishing media.  |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |

**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.                          |
| P363 | Wash contaminated clothing before reuse.                                     |

**Hazards Not Otherwise Classified**

|       |  |
|-------|--|
| SC009 | Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Follow proper disposal instructions. |
|-------|--|

**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>          |
|---|-----------------------|--------------------------|---------------------------|---------------------------------------|
| Hydrotreated Light Distillate                             | 64742-47-8            | 25-50                    | GHS08                     | H304                                  |
| Stoddard Solvent  | 8052-41-3             | 10-25                    | GHS08                     | H304-372                              |
| Solvent Naphtha, Light Aromatic                           | 64742-95-6            | 2.5-10                   | GHS07-GHS08               | H304-332-340-350                      |
| Amorphous Precipitated Silica                             | 112926-00-8           | 1.0-2.5                  | Not Available             | Not Available                         |
| 1-Methoxy-2-Propyl Acetate                                | 108-65-6              | 1.0-2.5                  | GHS02-GHS07               | H226-332                              |
| Zirconium 2-Ethylhexanoate                                | 22464-99-9            | 0.1-1.0                  | GHS08                     | H360                                  |
| Methyl Ethyl Ketoxime                                     | 96-29-7               | 0.1-1.0                  | GHS05-GHS06-GHS07-GHS08   | H302+H312-315-317-318-331-336-370-373 |
| Xylenes (o-, m-, p- Isomers)                              | 1330-20-7             | 0.1-1.0                  | GHS02-GHS07               | H226-315-319-332                      |
| Naphtha, Hydrotreated Heavy                               | 64742-48-9            | 0.1-1.0                  | GHS08                     | H304-340-350                          |
| Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 9038-95-3             | 0.1-1.0                  | GHS06                     | H330                                  |
| Carbon Black  | 1333-86-4             | 0.1-1.0                  | Not Available             | Not Available                         |
| Petroleum Naphtha, Hydrodesulfurized Heavy                | 64742-82-1            | 0.1-1.0                  | GHS08                     | H304-340-350-372                      |
| Ethylbenzene  | 100-41-4              | 0.1-1.0                  | GHS02-GHS07-GHS08         | H225-304-332-351-373                  |
| Phenol, Nonyl-, Phosphite (3:1)                           | 26523-78-4            | 0.1-1.0                  | GHS07                     | H317                                  |
| Dibutyltin Dilaurate                                      | 77-58-7               | 0.1-1.0                  | GHS06-GHS08               | H300-341-360-372                      |

## 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:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. 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:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. 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. Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed metal container filled with water to prevent this.

**Special Fire Fighting Procedures:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. 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):** Not a combustible dust.

## 6. Accidental Release Measures

**Steps to Be Taken If Material Is Released or Spilled:** 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. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders). To avoid spontaneous combustion, soak rags and other clean-up materials in a closed, water-filled metal container.

## 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. 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. Avoid contact with eyes, skin and clothing. Rags, steel wool, or waste contaminated with this product may spontaneously catch fire if improperly discarded. Immediately after use, place contaminated materials in a sealed, water-filled metal container.

**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 |
|---------------------------------|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Hydrotreated Light Distillate   | 64742-47-8  | 30.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Stoddard Solvent                | 8052-41-3   | 15.0                  | 100 ppm           | N.E.               | 500 ppm      | N.E.                 |
| Solvent Naphtha, Light Aromatic | 64742-95-6  | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Amorphous Precipitated Silica   | 112926-00-8 | 5.0                   | N.E.              | N.E.               | 20 mppcf     | N.E.                 |
| 1-Methoxy-2-Propyl Acetate      | 108-65-6    | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Zirconium 2-Ethylhexanoate      | 22464-99-9  | 1.0                   | 5 mg/m3           | 10 mg/m3           | 5 mg/m3      | N.E.                 |
| Methyl Ethyl Ketoxime           | 96-29-7     | 1.0                   | 10 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.                 |
| Naphtha, Hydrotreated Heavy     | 64742-48-9  | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

|   |            |     |           |           |           |      |
|---|------------|-----|-----------|-----------|-----------|------|
| Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 9038-95-3  | 1.0 | N.E.      | N.E.      | N.E.      | N.E. |
| Carbon Black  | 1333-86-4  | 1.0 | 3 mg/m3   | N.E.      | 3.5 mg/m3 | N.E. |
| Petroleum Naphtha, Hydrodesulfurized Heavy                | 64742-82-1 | 1.0 | N.E.      | N.E.      | N.E.      | N.E. |
| Ethylbenzene  | 100-41-4   | 1.0 | 20 ppm    | N.E.      | 100 ppm   | N.E. |
| Phenol, Nonyl-, Phosphite (3:1)                           | 26523-78-4 | 1.0 | N.E.      | N.E.      | N.E.      | N.E. |
| Dibutyltin Dilaurate                                      | 77-58-7    | 1.0 | 0.1 mg/m3 | 0.2 mg/m3 | 0.1 mg/m3 | 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:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**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>        | 0.925               | <b>pH:</b>                                     | N.A.           |
| <b>Freeze Point, °C:</b>        | N.D.                | <b>Viscosity:</b>                              | 463 SUS @ 100F |
| <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>                 | 0.8 - 10.4     |
| <b>Boiling Range, °C:</b>       | 100 - 537           | <b>Flash Point, °C:</b>                        | 41             |
| <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 excess heat.

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

**Hazardous Decomposition:** When heated to decomposition, it emits acrid smoke and irritating fumes.

**Hazardous Polymerization:** Will not occur under normal conditions. High surface area exposure to oxygen via soiled materials can result in polymerization and release of heat. Spontaneous combustion may occur when exposed to oxygen, excessive heat, sparks, or open flames.

**Stability:** This product is stable under normal storage conditions. Stable, but polymerizes gradually on exposure to air.

## 11. Toxicological Information

**Effects of Overexposure - Eye Contact:** Irritating, and may injure eye tissue if not removed promptly.

**Effects of Overexposure - Skin Contact:** Prolonged or repeated skin contact may cause irritation. 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). Low hazard for usual industrial handling or commercial handling by trained personnel.

**Effects of Overexposure - Inhalation:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

**Effects of Overexposure - Ingestion:** Substance may be 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. Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula. 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:

| CAS-No.     | Chemical Name   | Oral LD50        | Dermal LD50        | Vapor LC50     |
|-------------|---|------------------|--------------------|----------------|
| 64742-47-8  | Hydrotreated Light Distillate                             | >5000 mg/kg Rat  | >2000 mg/kg Rabbit | >5000 mg/L Rat |
| 8052-41-3   | Stoddard Solvent  | N.E.             | >3000 mg/kg Rabbit | 25             |
| 64742-95-6  | Solvent Naphtha, Light Aromatic                           | 8400 mg/kg Rat   | >2000 mg/kg Rabbit | 25             |
| 112926-00-8 | Amorphous Precipitated Silica                             | >20000 mg/kg Rat | N.E.               | N.E.           |
| 108-65-6    | 1-Methoxy-2-Propyl Acetate                                | 8532 mg/kg Rat   | 5000 mg/kg Rabbit  | 16 mg/L Rat    |
| 96-29-7     | Methyl Ethyl Ketoxime                                     | 930 mg/kg Rat    | 1100 mg/kg Rabbit  | >4.83 mg/L Rat |
| 1330-20-7   | Xylenes (o-, m-, p- Isomers)                              | 3500 mg/kg Rat   | >4350 mg/kg Rabbit | 29.08 mg/L Rat |
| 64742-48-9  | Naphtha, Hydrotreated Heavy                               | >6000 mg/kg Rat  | >5000 mg/kg Rabbit | N.E.           |
| 9038-95-3   | Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether | 5000 mg/kg Rat   | 14904 mg/kg Rabbit | .1 mg/L Rat    |
| 1333-86-4   | Carbon Black  | >10000 mg/kg Rat | >2000 mg/kg Rabbit | N.E.           |
| 64742-82-1  | Petroleum Naphtha, Hydrodesulfurized Heavy                | >5000 mg/kg Rat  | 3060 mg/kg Rat     | N.E.           |
| 100-41-4    | Ethylbenzene  | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat  |
| 26523-78-4  | Phenol, Nonyl-, Phosphite (3:1)                           | 10000 mg/kg Rat  | >2000 mg/kg Rabbit | N.E.           |
| 77-58-7     | Dibutyltin Dilaurate                                      | 45 mg/kg Rat     | >2000 mg/kg Rat    | N.E.           |

N.E. - Not Established

## 12. Ecological Information

**Ecological Information:** Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal Information

**Disposal:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers. Immediately after use place rags, steel wool, or waste in a closed, water-filled metal container. Air oxidation of the product may cause it to spontaneously combust.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number:            | N.A.                    | 1263                        | 1263              | N.A.                |
| Proper Shipping Name: | Not Regulated           | Paint                       | Paint             | 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), Carcinogenicity, Reproductive toxicity, Respiratory or Skin Sensitization, 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> |
|------------------------------|----------------|
| Brown Iron Oxide             | 12713-03-0     |
| Xylenes (o-, m-, p- Isomers) | 1330-20-7      |
| Ethylbenzene                 | 100-41-4       |

**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](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: 432 g/L

SDS REVISION DATE: 10/3/2024

REASON FOR REVISION: Product Composition Changed  
Substance and/or Product Properties Changed in Section(s):  
01 - Identification  
02 - Hazard Identification  
03 - Composition / Information on Ingredients  
05 - Fire-Fighting Measures  
08 - Exposure Controls / Personal Protection  
09 - Physical & Chemical Properties  
11 - Toxicological Information  
14 - Transport Information  
15 - Regulatory Information  
16 - Other Information  
Substance Hazard Threshold % Changed  
Substance Hazardous Flag Changed  
Revision Statement(s) Changed

**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.