

# Safety Data Sheet



## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | S SG BLU5 1800 SP TPCT Caution Blue 1/4 blue                                   | <b>Revision Date:</b>   | 12/16/2022   |
| <b>Product Identifier:</b>  | VHG 1825S994   | <b>Supersedes Date:</b> | 12/11/2021   |
| <b>Recommended Use:</b>     | No Information   |                         |  |
| <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

14% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|                                     |      |  |
|-------------------------------------|------|--|
| Flammable Liquid, category 2        | H225 | Highly flammable liquid and vapor.                                 |
| Eye Irritation, category 2A         | H319 | Causes serious eye irritation.                                     |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects.   |
| Carcinogenicity, category 1B        | H350 | May cause cancer.  |
| STOT, Repeated Exposure, category 2 | H373 | May cause 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/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.   |
| P405 | Store locked up.   |

Not Yet Specified

|                |  |
|----------------|--|
| 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.                              |
| 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.   |
| 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+P235      | Store in a well-ventilated place. Keep cool.   |

**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> |
|--|----------------|-------------------|--------------------|-----------------------|
| Acetone                                | 67-64-1        | 10-25             | GHS02-GHS07        | H225-319-332-336      |
| Naphtha, Petroleum, Hydrotreated Light | 64742-49-0     | 2.5-10            | GHS08              | H304                  |
| Xylenes (o-, m-, p- Isomers)           | 1330-20-7      | 2.5-10            | GHS02-GHS07        | H226-315-319-332      |
| Titanium Dioxide                       | 13463-67-7     | 2.5-10            | Not Available      | Not Available         |
| Aliphatic Hydrocarbon                  | 64742-89-8     | 1.0-2.5           | GHS08              | H304-340-350          |
| Hydrous Magnesium Silicate             | 14807-96-6     | 1.0-2.5           | Not Available      | Not Available         |
| Ethylbenzene                           | 100-41-4       | 1.0-2.5           | GHS02-GHS07-GHS08  | H225-304-332-351-373  |
| n-Heptane                              | 142-82-5       | 0.1-1.0           | GHS02-GHS07-GHS08  | H225-304-315-336      |
| Octane                                 | 111-65-9       | 0.1-1.0           | GHS02-GHS07-GHS08  | H225-304-315-336      |
| Amorphous Silica                       | 7631-86-9      | 0.1-1.0           | Not Available      | Not Available         |
| Crystalline Silica / Quartz            | 14808-60-7     | 0.1-1.0           | Not Available      | Not Available         |

**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:** Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. 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:** Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. FLASH POINT IS LESS THAN -7°C (20°F).

**EXTREMELY FLAMMABLE LIQUID AND VAPOR!**

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. 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:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. 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. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

## 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. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. 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 |
|---|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Acetone                                   | 67-64-1    | 15.0                  | 250 ppm           | 500 ppm            | 1000 ppm     | N.E.                 |
| Naphtha, Petroleum,<br>Hydrotreated Light | 64742-49-0 | 10.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Xylenes (o-, m-, p- Isomers)              | 1330-20-7  | 10.0                  | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Titanium Dioxide                          | 13463-67-7 | 5.0                   | 0.2 mg/m3         | N.E.               | 15 mg/m3     | N.E.                 |
| Aliphatic Hydrocarbon                     | 64742-89-8 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hydrous Magnesium Silicate                | 14807-96-6 | 5.0                   | 2 mg/m3           | N.E.               | N.E.         | N.E.                 |
| Ethylbenzene                              | 100-41-4   | 5.0                   | 20 ppm            | N.E.               | 100 ppm      | N.E.                 |
| Octane                                    | 111-65-9   | 1.0                   | 300 ppm           | N.E.               | 500 ppm      | N.E.                 |
| n-Heptane                                 | 142-82-5   | 1.0                   | 400 ppm           | 500 ppm            | 500 ppm      | N.E.                 |
| Amorphous Silica                          | 7631-86-9  | 1.0                   | N.E.              | N.E.               | 50 µg/m3     | N.E.                 |
| Crystalline Silica / Quartz               | 14808-60-7 | 1.0                   | 0.025 mg/m3       | N.E.               | 50 µg/m3     | N.E.                 |

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. 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. 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 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>              | No Information      | <b>Physical State:</b>                         | No Information |
| <b>Odor:</b>                    | Solvent Like        | <b>Odor Threshold:</b>                         | N.E.           |
| <b>Specific Gravity:</b>        | 1.004               | <b>pH:</b>                                     | N.A.           |
| <b>Freeze Point, °C:</b>        | No Information      | <b>Viscosity:</b>                              | N.D.           |
| <b>Solubility in Water:</b>     | No Information      | <b>Partition Coefficient, n-octanol/water:</b> | N.D.           |
| <b>Decomposition Temp., °C:</b> | N.D.                | <b>Explosive Limits, vol%:</b>                 | 0.9 - 13.0     |
| <b>Boiling Range, °C:</b>       | 56 - 537            | <b>Flash Point, °C:</b>                        | -20            |
| <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>           | No Information      |  |                |

(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.

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

**Hazardous Decomposition:** By open flame, carbon monoxide and carbon dioxide. 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:** Causes Serious Eye Irritation

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** May cause skin irritation. Allergic reactions are possible. Causes skin irritation. Allergic reactions are possible.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. 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, if inhalable, may 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 asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. 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). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints 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 Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

**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> |
|----------------|----------------------|------------------|---------------------|-------------------|
| 67-64-1        | Acetone              | 5800 mg/kg Rat   | >15700 mg/kg Rabbit | 50.1 mg/L Rat     |

Not Yet Specified

|            |  |                  |                    |                 |
|------------|--|------------------|--------------------|-----------------|
| 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  |
| 13463-67-7 | Titanium Dioxide                       | >10000 mg/kg Rat | 6000               | N.E.            |
| 64742-89-8 | Aliphatic Hydrocarbon                  | N.E.             | 3000 mg/kg Rabbit  | N.E.            |
| 14807-96-6 | Hydrous Magnesium Silicate             | 6000             | N.E.               | 30              |
| 100-41-4   | Ethylbenzene                           | 3500 mg/kg Rat   | 15400 mg/kg Rabbit | 17.4 mg/L Rat   |
| 142-82-5   | n-Heptane                              | N.E.             | 3000 mg/kg Rabbit  | >73.5 mg/L Rat  |
| 111-65-9   | Octane                                 | N.E.             | N.E.               | >24.88 mg/L Rat |
| 7631-86-9  | Amorphous Silica                       | 7900 mg/kg Rat   | >5000 mg/kg Rabbit | 25 mg/L         |
| 14808-60-7 | Crystalline Silica / Quartz            | 5500 mg/kg Rat   | 5500               | 100 mg/L        |

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, 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       |
| Pigment Blue 15              | 147-14-8       |

#### 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.

Not Yet Specified

**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**

|                |                       |                      |   |                         |                       |                             |                   |
|----------------|-----------------------|----------------------|---|-------------------------|-----------------------|-----------------------------|-------------------|
| <b>Health:</b> | No<br>Informa<br>tion | <b>Flammability:</b> | 3 | <b>Physical Hazard:</b> | No<br>Informatio<br>n | <b>Personal Protection:</b> | No<br>Information |
|----------------|-----------------------|----------------------|---|-------------------------|-----------------------|-----------------------------|-------------------|

**NFPA RATINGS**

|                |   |                      |   |                     |   |
|----------------|---|----------------------|---|---------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 3 | <b>Instability:</b> | 0 |
|----------------|---|----------------------|---|---------------------|---|

Volatile Organic Compounds: 619 g/L

SDS REVISION DATE: 12/16/2022

**REASON FOR REVISION:**

Substance Hazardous Flag Changed  
 Substance Hazard Threshold % Changed  
 Substance and/or Product Properties Changed in  
 Section(s):  
 03 - Composition / Information on Ingredients  
 08 - Exposure Controls / Personal Protection  
 11 - Toxicological Information  
 Substance Regulatory CAS Number Changed  
 Substance Chemical Name 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.