1. Identification

Product Name: Varathane Golden Oak Gel Stain Half Pint
Product Identifier: 224497
Product Use/Class: Topcoat/Varathane Gel Stain
Supplier: Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

Preparer: Regulatory Department
Emergency Telephone: 24 Hour Hotline: 847-367-7700

Revision Date: 5/26/2015
Supercedes Date: New SDS

2. Hazard Identification

EMERGENCY OVERVIEW: Harmful if inhaled. Harmful if swallowed. Causes eye irritation. Vapors irritating to eyes and respiratory tract. Combustible liquid and vapor. Use ventilation necessary to keep exposures below recommended exposure limits, if any. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. May cause eye, skin, or respiratory tract irritation. KEEP OUT OF REACH OF CHILDREN.

Classification

Symbol(s) of Product

| Signal Word | Danger |

Possible Hazards

32% of the mixture consists of ingredient(s) of unknown acute toxicity

GHS HAZARD STATEMENTS

| Flammable liquid, category 4 | H227 | Combustible liquid |
| Organic Peroxide, categories C, D | H242 | Heating may cause a fire. |
| Aspiration Hazard, category 2 | H305 | May be harmful if swallowed and enters airways |
| Acute Toxicity, Dermal, category 2 | H310 | Fatal in contact with skin. |
| Acute Toxicity, Dermal, category 5 | H313 | May be harmful in contact with skin. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Eye Irritation, category 2B | H320 | Causes eye irritation |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled. |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation. |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. Classified as mutagenic Category 1 if one ingredient is present at or above 0.1% Applies to liquids, Solids (w/w units) and gases (v/v). The substance may also have its own exposure limit. Routes of exposure are dependant on ingredient form. |
Carcinogenicity, category 1B  H350  May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependant on ingredient form.

STOT, repeated exposure, category 1  H372  Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

GHS LABEL PRECAUTIONARY STATEMENTS
P102  Keep out of reach of children.
P103  Read label before use.
P201  Obtain special instructions before use.
P234  Keep only in original container.
P260  Do not breathe dust/fume/gas/mist/vapours/spray.
P262  Do not get in eyes, on skin, or on clothing.
P264  Wash ... thoroughly after handling.
P271  Use only outdoors or in a well-ventilated area.
P273  Avoid release to the environment.
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P281  Use personal protective equipment as required.
P285  In case of inadequate ventilation wear respiratory protection.
P302+P350  IF ON SKIN: Gently wash with plenty of soap and water.
P308+P313  IF exposed or concerned: Get medical advice/attention.
P310  Immediately call a POISON CENTER or doctor/physician.
P351  Rinse cautiously with water for several minutes.
P361  Take off immediately all contaminated clothing.
P374  Fight fire with normal precautions from a reasonable distance.
P402  Store in a dry place.
P403+P233  Store in a well-ventilated place. Keep container tightly closed.
P412  Do not expose to temperatures exceeding 50°C/ 122°F.

3. Composition/Information On Ingredients

HAZARDOUS SUBSTANCES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt.% Range</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>25-50</td>
<td>GHS02-GHS08</td>
<td>H224-340-350-372</td>
</tr>
<tr>
<td>Fumed Silica</td>
<td>112945-52-5</td>
<td>2.5-10</td>
<td>No GHS Flavor/Country combination found</td>
<td>No GHS Flavor/Country combination found</td>
</tr>
<tr>
<td>Aromatic Petroleum Distillates</td>
<td>64742-95-6</td>
<td>1.0-2.5</td>
<td>GHS07</td>
<td>H335-332-315-319</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>1.0-2.5</td>
<td>GHS02-GHS07</td>
<td>H226-335-332-315-319</td>
</tr>
</tbody>
</table>

The text for GHS Hazard Statements shown above (if any) is given in the "16. Other Information" section.

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, 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:** 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. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

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. 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 MSDS/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. Avoid contact with eyes.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120 °F. 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. Keep container closed when not in use. Avoid excess heat.

8. Exposure Controls/Personal Protection

**Chemical Name** | CAS-No. | Weight % Less Than | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING
---|---|---|---|---|---|---
Stoddard Solvent | 8052-41-3 | 30.0 | 100 ppm | N.E. | 500 ppm | N.E.
Fumed Silica | 112945-52-5 | 5.0 | N.E. | N.E. | 0.8 mg/m3 | N.E.
Aromatic Petroleum Distillates | 64742-95-6 | 5.0 | N.E. | N.E. | N.E. | N.E.
1,2,4-Trimethylbenzene | 95-63-6 | 5.0 | 25 ppm (NIOSH REL) | 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:** 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 an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Use impervious gloves to prevent skin contact and absorption of this material through the skin. 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. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent Like</td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.992</td>
</tr>
<tr>
<td>Freeze Point, °C</td>
<td>N.D.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Slight</td>
</tr>
<tr>
<td>Decomposition Temp., °C</td>
<td>No Information</td>
</tr>
<tr>
<td>Boiling Range, °C</td>
<td>150 - 999</td>
</tr>
<tr>
<td>Flammability</td>
<td>Does not Support Combustion</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>N.E.</td>
</tr>
<tr>
<td>pH</td>
<td>N.A.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N.D.</td>
</tr>
<tr>
<td>Partition Coefficient, n-octanol/water</td>
<td>No Information</td>
</tr>
<tr>
<td>Explosive Limits, vol%</td>
<td>1.0 - 17.4</td>
</tr>
<tr>
<td>Flash Point, °C</td>
<td>&gt;93</td>
</tr>
<tr>
<td>Auto-ignition Temp., °C</td>
<td>No Information</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N.D.</td>
</tr>
</tbody>
</table>

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120 ° F. Avoid contact with strong acid and strong bases. 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 eye irritation. Substance causes moderate eye irritation.

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

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. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to the nose, throat and respiratory tract. Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

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:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-95-6</td>
<td>Aromatic Petroleum Distillates</td>
<td>N.I.</td>
<td>&gt;2000 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>3280 mg/kg Rat</td>
<td>&gt;3160 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

N.I. - No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. 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 allow to enter waterways, wastewater, soil, storm drains or sewer systems.
14. Transport Information

<table>
<thead>
<tr>
<th></th>
<th>Domestic (USDOT)</th>
<th>International (IMDG)</th>
<th>Air (IATA)</th>
<th>TDG (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number:</td>
<td>N.A.</td>
<td>1263</td>
<td>1263</td>
<td>N.A.</td>
</tr>
<tr>
<td>Proper Shipping Name:</td>
<td>Not Regulated</td>
<td>Paint</td>
<td>Paint</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>N.A.</td>
<td>3</td>
<td>3</td>
<td>N.A.</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>N.A.</td>
<td>III</td>
<td>III</td>
<td>N.A.</td>
</tr>
<tr>
<td>Limited Quantity:</td>
<td>No</td>
<td>Yes, &gt;5L No</td>
<td>Yes, &gt;5L No</td>
<td>No</td>
</tr>
</tbody>
</table>

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:

- Fire Hazard
- Acute Health Hazard
- Chronic Health Hazard

**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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
</tr>
</tbody>
</table>

**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.

International Regulations:

**CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.
### 16. Other Information

**HMIS RATINGS**
- Health: 2*
- Flammability: 2
- Physical Hazard: 0
- Personal Protection: X

**CANADIAN WHMIS CLASS:** B3 D2A D2B

**NFPA RATINGS**
- Health: 2
- Flammability: 2
- Instability: 0

**VOLATILE ORGANIC COMPOUNDS, g/L:** 517

**MSDS REVISION DATE:** 5/26/2015

**REASON FOR REVISION:** No Information

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

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**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

- **H224** Extremely flammable liquid and vapour.
- **H226** Flammable liquid and vapour.
- **H315** Causes skin irritation.
- **H319** Causes serious eye irritation.
- **H332** Harmful if inhaled.
- **H335** May cause respiratory irritation.
- **H340** May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- **H350** May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- **H372** Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- **HNo GHS Flavor/ Country combination found** <undefined>

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

- GHS02
- GHS07
- GHS08

**No GHS Flavor/ Country combination found**
The manufacturer 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. The manufacturer 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.