# Safety Data Sheet

RUST-OLEUM CORPORATION
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## 1. Identification

**Name on Label:** Odorless Oil-Base Stain Blocker

**Product Name:** ZINSSER 1-GL 2PK HH ODORLESS

**Revision Date:** 10/20/2026

**Product Identifier:** 391325

**Supercedes Date:** 5/9/2025

**Recommended Use:** Primer

**Supplier:** Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

**Manufacturer:** Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazard Identification

### 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 3 | H226 | Flammable liquid and vapour. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. |
| Carcinogenicity, category 1B | H350 | May cause cancer. |

**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. |
| P280 | Wear protective gloves, protective clothing, eye protection, and face protection. |
| 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. |
| P370+P378 | In case of fire: Extinguish using suitable extinguishing media. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

| | |
|---|---|
| P405 | Store locked up. |
| P501 | Dispose of contents and container in accordance with local, regional and national regulations. |

**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. |

## 3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

| Chemical Name | CAS-No. | Wt.% | GHS Symbols | GHS Statements |
|---|---|---|---|---|
| Naphtha, Hydrotreated Heavy | 64742-48-9 | 21 | GHS08 | H304-340-350 |
| Titanium Dioxide | 13463-67-7 | 9.1 | Not Available | Not Available |
| Triethylene Glycol bis(2-Ethylhexanoate) | 94-28-0 | 1.8 | Not Available | Not Available |
| Hydrous Magnesium Silicate | 14807-96-6 | 1.2 | Not Available | Not Available |

Actual concentrations of ingredients are withheld as trade secret.

## 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.

**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.

**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:** 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 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.

## 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 contact with eyes, skin and clothing.

**Storage:** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat.

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

## 8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA PEL-CEILING |
|---|---|---|---|---|---|---|
| Naphtha, Hydrotreated Heavy | 64742-48-9 | 25.0 | N.E. | N.E. | N.E. | N.E. |
| Titanium Dioxide | 13463-67-7 | 10.0 | 0.2 mg/m3 | N.E. | 15 mg/m3 | N.E. |
| Triethylene Glycol bis(2-Ethylhexanoate) | 94-28-0 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 5.0 | 2 mg/m3 | N.E. | 20 mppcf | 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 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use.

**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

| | | | |
|---|---|---|---|
| **Physical State** | Liquid | **Decomposition Temperature, °C** | N.D. |
| **Color** | White | **pH** | N.A. |
| **Odor** | Solvent Like | **Kinematic Viscosity** | N.D. |
| **Odor Threshold** | N.E. | **Solubility in Water** | Slight |
| **Freezing Point / Melting Point, °C** | N.D. | **Partition Coefficient, n-octanol/water** | N.D. |
| **Boiling Range, °C** | 166 - 537 | **Vapor Pressure** | N.D. |
| **Flammability** | Supports Combustion | **Evaporation Rate** | Slower than Ether |
| **Lower Explosion Limit, vol%** | 0.7 | **Specific Gravity** | 1.602 |
| **Upper Explosion Limit, vol%** | 5.6 | **Vapor Density** | Heavier than Air |
| **Flash Point, °C** | 42 | | |
| **Auto-Ignition Temperature, °C** | N.D. | **Particle Characteristics** | N.A. |

(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.

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

## 11. Toxicological Information

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

**Effects of Overexposure - Skin Contact:** 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. 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:** 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. 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:**

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 |
|---|---|---|---|---|
| 64742-48-9 | Naphtha, Hydrotreated Heavy | >6000 mg/kg Rat | >5000 mg/kg Rabbit | N.E. |
| 13463-67-7 | Titanium Dioxide | >2000 mg/kg Rat | 6000 | N.E. |
| 94-28-0 | Triethylene Glycol bis(2-Ethylhexanoate) | 31000 mg/kg Rat | >2000 mg/kg Rat | N.E. |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | >2000 mg/kg Rabbit | 30 |

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 Considerations

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

## 14. Transport Information

| | Domestic (USDOT) | International (IMDG) | Air (IATA) | TDG (Canada) |
|---|---|---|---|---|
| **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, 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:

No Sara 313 components exist in this product.

### Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

## 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:** 335 g/L

**SDS REVISION DATE:** 10/20/2026

**REASON FOR REVISION:**

Substance Chemical Name Changed
Substance and/or Product Properties Changed in Section(s):
01 - Identification
08 - Exposure Controls / Personal Protection
15 - Regulatory Information
Substance Hazard Threshold % Changed

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

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