

# Material Safety Data Sheet

## Section 1 General Information

**Manufacturer:**

Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061

**24 Hour Assistance: 1-847-367-7700**[www.rustoleum.com](http://www.rustoleum.com)**Date: April 9, 2009****Product Name: Zinsser PermaGuard**

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**Product Codes: 02680 02681**

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## Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Limestone	1317-65-3	15 mg/m <sup>3</sup> * (5 mg/m <sup>3</sup> **)	10 Mg/m <sup>3</sup> *
Ethylene glycol	107-21-1	N/E	100 Mg/m <sup>3</sup> (C)
Zinc Oxide	1314-13-2	15 mg/m <sup>3</sup> * (5 mg/m <sup>3</sup> **)	10 Mg/m <sup>3</sup> *

\* Total Dust

\*\* Respirable Dust Fraction

## Section 3 Hazard Identification

**Product Overview:** This material is a wall paint. It is a stable, non-flammable, flowable liquid with a flashpoint above 200° Fahrenheit.**Primary Routes of Exposure:**

Eye Contact  
Skin Contact  
Inhalation

**Potential Acute Health Effects:****Eye:** May cause eye irritation.**Skin:** Prolonged contact may cause skin irritation. Absorption through skin contact not considered a significant route of exposure.**Ingestion:** Although ingestion not considered a significant route of exposure, Gastrointestinal irritation and nausea may occur if swallowed.

N/A: Not Applicable    N/D: Not Determined    N/E: Not Established    N/R: Not Required    Est.: Estimated

**Inhalation:** Although inhalation is not considered a significant route of exposure, high vapor concentrations may cause respiratory irritation.

**Potential Chronic Health Effects:** None known.

(See also Sections 4, 8, and 11 for related information)

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## Section 4 First Aid Measures

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**Eye contact:** Flush eye with water for 15 minutes. Get medical attention.

**Skin contact:** Wash with soap and water. Get medical attention if symptoms occur.

**Ingestion:** If swallowed, call a physician or poison control center.

**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapor, remove victim to fresh air and seek medical attention if cough or other symptoms develop.

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## Section 5 Fire Fighting Measures

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The liquid material will not burn. However, the dried paint film may burn in a fire.

**Flash Point** (method): >200° F.

**Extinguishing Media:** Use water spray, foam, or carbon dioxide when fighting fires involving this material.

**Protection of Firefighters:** As in any fire, wear self-contained breathing apparatus in pressure demand mode and full protective gear.

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

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## Section 7 Handling and Storage

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**Handling:** Avoid contact with eyes, skin, and clothing.

**Storage:** Keep from freezing. Keep container closed when not in use.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** If exposure conditions warrant, use mechanical local exhaust ventilation or general dilution ventilation to reduce vapor concentrations.

### **Personal Protective Equipment (PPE):**

**Eye Protection:** Wear safety glasses or face shield to prevent eye and face contact.

**Skin Protection:** Wear gloves to prevent prolonged skin contact.

**Respiratory Protection:** None required under normal, intended use conditions. If vapor exposure causes discomfort and in areas of poor ventilation wear NIOSH approved respirator.

**Protective Clothing:** For brief contact, no special precautions other than clean body-covering clothing should be needed. When prolonged or frequent repeated contact with the material could occur, use protective clothing that is impervious to this material (such as tyvek).

**General Hygiene Practices:** Wash thoroughly after handling. Prevent Eye contact. Avoid prolonged skin or inhalation contact.

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## Section 9 Physical Data

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**Appearance:** Milky white opaque emulsion.      **Boiling Point:** 212° F

**Odor:** Slight ammonia like      **Freezing Point:** 30° F

**Physical State:** Liquid.      **pH:** 9.2

**Specific Gravity:** 1.12 (water = 1)      **Viscosity:** 60 KU

**Soluble in Water:** Dilutable in water.

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## Section 10 Stability and Reactivity

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**Stability:** Stable. Not reactive.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** None known.

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**Hazardous Conditions to Avoid:** Acids and strong oxidizers.

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## **Section 11 Toxicological Information**

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**Carcinogenicity:** None of the components present in this material at concentrations equal to or greater than 0.1% are regulated by OSHA as carcinogenic or are listed by IARC or NTP as a carcinogen.

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## **Section 12 Ecological Information**

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**Chemical Fate and Effects:** No data available.

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## **Section 13 Disposal Considerations**

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**Recommended Waste Disposal Method:** This material is not considered hazardous waste under federal hazardous waste regulations (40 CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Consult all applicable federal, state, and local regulations regarding the proper disposal of this material.

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## **Section 14 Transportation Information**

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**Not regulated by USDOT**

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## **Section 15 Regulatory Information**

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**CERCLA:**

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**Cps:** Centipoise  
**PPM:** Parts Per Million  
**PEL:** Permissible Exposure Limit  
**TWA:** Time Weighted Average  
> Greater Than  
**Mppcf:** Million particles per cubic foot of air  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**CERCLA:** Comprehensive Environmental Response Compensation and Liability Act  
**OSHA:** Occupational Safety and Health Administration (US Dept. of Labor)  
**RCRA:** Resource Conservation and Recovery Act  
**SARA:** Superfund Amendment and Reauthorization Act  
**TSCA:** Toxic Substance Control Act

**KU:** Krebs Units  
**PPB:** Parts Per Billion  
**TLV:** Threshold Limit Value  
**Mg/M<sup>3</sup>:** Milligrams per cubic Meter  
< Less Than

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**Disclaimer:** 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 material 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 and make 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 data and to comply with all applicable international, federal, state, and local laws and regulations.

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