

# Material Safety Data Sheet

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## Section 1 General Information

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**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 6, 2009

**Product Name:** Zinsser OKON S-40 Siloxane Water Repellant

**Product Codes:**      Gallon            OK641  
                                 5 Gallon        OK640  
                                 55 Gallon      OK645

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## Section 2 Hazardous Ingredients

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<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None	N/A	N/A	N/A

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## Section 3 Hazard Identification

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**Emergency Overview:**      This product is a water-based milky white liquid with no odor and no flash point.

**Primary Routes of Exposure:**

Skin Contact  
Eye Contact  
Inhalation

**Potential Acute Health Effects:**

**Eye:**      May cause slight eye irritation. Product may produce an oil film causing a brief reversible dimness of sight.

**Skin:**      Prolonged or repeated skin contact may cause slight skin irritation in certain individuals. However, absorption through skin contact is not considered to be a significant route of exposure.

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

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**Ingestion:** May cause gastrointestinal irritation, however ingestion is not considered a significant route of exposure.

**Inhalation:** Vapors from product may cause irritation to the nose, throat, and respiratory tract.

(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 eyes immediately with large amounts of water for at least 15 minutes. If possible, lift eyelids periodically to ensure all material is flushed from the eyes. Get medical attention.

**Skin contact:** Wash exposed area thoroughly with soap and water. Get medical attention if irritation develops.

**Ingestion:** If swallowed contact a physician, poison control center, or hospital emergency room. Do not induce vomiting unless directed to do so by medical personnel. If spontaneous vomiting occurs, monitor breathing for difficulty. Treat symptomatically and supportively. Get medical attention.

**Inhalation:** If symptoms develop, remove affected person to fresh air. If respiratory symptoms persist, get medical attention.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** None (material will not flash)

**Extinguishing Media:** Foam, Dry Chemical, Water Fog, CO<sub>2</sub>

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

**Fire and Explosion Hazards:** Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture.

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Keep unnecessary people away. Contain spills with inert material (sand, earth, etc.) and transfer to containers for recovery or disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls.

(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. Store at temperatures 33°F to 100°F. Store in ventilated area.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** Use in well-ventilated areas. If necessary, use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations below applicable exposure limits.

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

**Eye Protection:** Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact.

**Skin Protection:** Avoid unnecessary skin contact. It is recommended that rubber gloves be worn to prevent skin contact. Depending on conditions of use additional protective equipment may be necessary such as face-shield, apron or coveralls.

**Respiratory Protection:** None required for normally expected use conditions. If exposure limits are exceeded or if irritation is experienced, appropriate NIOSH approved respiratory protection should be worn.

**General Hygiene Practices:** Wash after handling material. Prevent Eye contact. Avoid prolonged skin and inhalation contact. Wash thoroughly before handling food, cosmetics, or before smoking.

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## Section 9 Physical Data

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**Appearance:** Milky White

**Odor:** None

**Physical State:** Liquid

**pH:** 8.5

**Boiling Point:** 212°F

**Melting Point:** N/D

**Vapor Pressure:** N/D

**Vapor Density:** >air

**Viscosity:** N/D

**Solubility in Water:** Yes

**Specific Gravity (water = 1):** .98

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## Section 10 Stability and Reactivity

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**Stability:** Stable

**Hazardous Polymerization:** Hazardous polymerization will not occur

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide and hydrocarbons.

**Conditions to Avoid:** This product may form minor amounts of ethanol through hydrolysis, when stored in excess of six months.

**Incompatibility:** None Known

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## Section 11 Toxicological Information

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The following ingredients are present at greater than 0.1% and are classified by IARC, NTP, or OSHA as carcinogenic:

<u>Ingredient</u>	<u>CAS #</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
None	N/A	N/A	N/A	N/A

(See also Section 15 for related information)

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## Section 12 Ecological Information

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**Chemical Fate and Effects:** None known

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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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**Regulated by the DOT:** Not regulated

**DOT Proper Shipping Name:** N/A

**UN / NA Number:** N/A

**Hazard Class:** N/A

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Packing Group: N/A

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## Section 15 Regulatory Information

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### **CERCLA:**

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

### **SARA Title III, section 311/312:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

### **SARA Title III, section 313:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

### **TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

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## Section 16 Other Information

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**Legend:** N/A: Not Applicable  
N/E: Not Established  
cps: Centipoise

N/D: Not Determined  
N/R: Not Required  
KU: Krebs Units

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**STEL:** Short Term Exposure Limit  
**PPM:** Parts Per Million  
**PEL:** Permissible Exposure Limit  
**TWA:** Time Weighted Average  
**mppcf:** Million particles per cubic foot of air.  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**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  
**FHSA:** Federal Hazardous Substance Act

**C:** OSHA Ceiling Value  
**PPB:** Parts Per Billion  
**TLV:** Threshold Limit Value  
**mg/m<sup>3</sup>:** Milligrams per cubic Meter

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