

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

Date: April 6, 2009

Product Name: Zinsser OKON S-40 Siloxane Water Repellant

Product Codes:

Gallon	OK641
5 Gallon	OK640
55 Gallon	OK645

Section 2 Hazardous Ingredients

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

Section 3 Hazard Identification

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.

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

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)

Section 4 First Aid Measures

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.

Section 5 Fire Fighting Measures

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

Extinguishing Media: Foam, Dry Chemical, Water Fog, CO₂

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.

Section 6 Accidental Release Measures

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)

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

Section 7 Handling and Storage

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

Storage: KEEP FROM FREEZING. Store at temperatures 33°F to 100°F. Store in ventilated area.

Section 8 Exposure Controls / Personal Protection

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.

Section 9 Physical Data

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

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

Section 10 Stability and Reactivity

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

Section 11 Toxicological Information

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)

Section 12 Ecological Information

Chemical Fate and Effects: None known

Section 13 Disposal Considerations

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.

Section 14 Transportation Information

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

Section 15 Regulatory Information

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.

Section 16 Other Information

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/m³: Milligrams per cubic Meter

Prepared By: Rust-Oleum Regulatory Compliance Dept.
173 Belmont Drive Somerset, NJ 08875 (732) 469-8100

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