# 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 Plugger**

**Codes:** **OK-950** **OK-951** **OK-955**

## Section 2 Hazardous Ingredients

| Hazardous Component | CAS# | OSHA PEL | ACGIH TLV |
|---|---|---|---|
| None | N/A | N/A | N/A |

## Section 3 Hazard Identification

**Emergency Overview:** Okon Plugger is a water repellant sealer used on concrete surfaces. It is a milky white water based liquid with a faint ammonia odor and no flash point.

**Primary Routes of Exposure:**

Skin Contact
Eye Contact
Inhalation

**Potential Acute Health Effects:**

**Eye:** May cause mild to moderate 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.

**Inhalation:** Excessive exposure to vapors or spray mist can cause irritation to eyes, nose and throat.

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

## Section 4 First Aid Measures

**Eye contact:** Flush eyes immediately with large amounts of water for at least 15 minutes. Get medical attention.

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

**Ingestion:** If swallowed call a physician, poison control center, or hospital emergency room. Do not induce vomiting because of the danger of aspirating liquid into the lungs. 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 breathing is difficult, administer oxygen if available. If respiratory symptoms persist, get medical attention.

## Section 5 Fire Fighting Measures

**Flash Point** (method)**:** N/A (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:** None known.

## Section 6 Accidental Release Measures

**Clean Up Methods:** Wipe, scrape or soak up in an inert material (sand, earth, etc.) and put in a container for disposal. Wash area with water.

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

## Section 7 Handling and Storage

**Handling:** Keep out of reach of children. Avoid prolonged or repeated skin contact. Wear protective equipment. Use with ventilation.

**Storage:** Store above 40$^{o}$F. Keep from freezing. Store at room temperature to prolong shelf life.

## 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:** Faint ammonia odor

**Physical State:** Liquid

**pH:** 9.0

**Boiling Point:** 212$^{o}$F / 100$^{o}$C

**Melting Point:** N/D

**Vapor Pressure (mmHg):** 17@68$^{o}$F/20$^{o}$C

**Vapor Density:** <1

**Viscosity:** N/D

**Solubility in Water:** Miscible

**Specific Gravity** (water = 1)**:** 1.01g/ml

**Volatile by Weight:** 80

## Section 10 Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** None Known

**Conditions to Avoid:** None Known

**Incompatibility:** Water reactive materials.

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

## Section 11 Toxicological Information

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

| Ingredient | CAS # | IARC | NTP | OSHA |
|---|---|---|---|---|
| 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

**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:

| Chemical Name | CAS# | Maximum Concentration (Wt. %) |
|---|---|---|
| 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:

| Chemical Name | CAS# | Maximum Concentration (Wt. %) |
|---|---|---|
| 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:

| Chemical Name | CAS# | Maximum Concentration (Wt. %) |
|---|---|---|
| Glycol Ethers | N230 | 2.56% |

**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/D**: Not Determined
**N/E**: Not Established
**N/R**: Not Required
**cps**: Centipoise
**KU**: Krebs Units
**STEL**: Short Term Exposure Limit
**C**: OSHA Ceiling Value
**PPM**: Parts Per Million
**PPB**: Parts Per Billion
**PEL**: Permissible Exposure Limit
**TLV**: Threshold Limit Value
**TWA**: Time Weighted Average
**mg/m$^3$**: Milligrams per cubic Meter
**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

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