

# Material Safety Data Sheet

---

## Section 1 General Information

---

**Manufacturer:**

Zinsser Company, Inc.  
173 Belmont Drive  
Somerset, NJ 08875  
(732) 469-8100

**Emergency Telephone: Chemtrec (800) 424-9300****Date: December 1, 2006****Product Name:** Okon Final Shield**Codes:** OK-980 OK-981 OK-985

---

## 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

\* Total Dust

\*\* Respirable Dust Fraction

C = Ceiling Value

---

## Section 3 Hazard Identification

---

**Emergency Overview:** Okon Final Shield is an interior/exterior clear water-based coating for concrete surfaces. It is a milky white liquid that dries clear 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:** May cause mild skin irritation.**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:** Excessive exposure to vapors or spray mist can cause irritation to eyes, nose, and throat.

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

---

## Section 4 First Aid Measures

---

**Eye contact:** Rinse thoroughly for 15 minutes. Get immediate medical attention.

**Skin contact:** Immediately wash with plenty of water. Launder clothing before re-use

**Ingestion:** Contact a physician or poison control center. ONLY induce vomiting at the instruction of a physician.

**Inhalation:** If exposed to excessive levels of vapor, remove victim to fresh air. Seek medical attention if cough or other symptoms persist.

---

## Section 5 Fire Fighting Measures

---

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

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

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

**Fire and Explosion Hazards:** This material will not burn but the dried dry solids may burn.

---

## Section 6 Accidental Release Measures

---

**Clean Up Methods:** Wipe, scrape or soak up an inert material 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:** Avoid prolonged or repeated skin contact. Wear protective equipment. Use ventilation. Keep out of reach of children

---

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

---

**Storage:** Store at room temperature to prolong shelf life. Store above 40° F. Keep from freezing.

---

## 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.

**Protective Clothing:** Gloves and goggles

**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, dries clear

**Odor:** Faint ammonia odor

**Physical State:** Liquid

**pH:** 8.5-9.5

**Boiling Point:** 212°F/ 100°C

**Melting Point:** N/D

**Vapor Pressure:** 17@68°F/ 20°C

**Vapor Density:** <1

**Viscosity:** < 100 cps

**Solubility in Water:** Miscible

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

---

## Section 10 Stability and Reactivity

---

**Stability:** Stable

---

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

---

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** None known

**Conditions to Avoid:** None known

**Incompatibility:** Water reactive materials

---

## 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

**Packing Group:** N/A

---

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

---

---

## 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

---

<b>Legend:</b> N/A: Not Applicable	N/D: Not Determined
N/E: Not Established	N/R: Not Required
<b>cps:</b> Centipoise	<b>KU:</b> Krebs Units
<b>STEL:</b> Short Term Exposure Limit	<b>C:</b> OSHA Ceiling Value
<b>PPM:</b> Parts Per Million	<b>PPB:</b> Parts Per Billion
<b>PEL:</b> Permissible Exposure Limit	<b>TLV:</b> Threshold Limit Value

---

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

---

**TWA:** Time Weighted Average                      **mg/m<sup>3</sup>:** 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

Prepared By: Zinsser Health and Safety Manager, Regulatory Compliance Dept.  
173 Belmont Drive      Somerset, NJ 08875      (732) 469-8100

**Disclaimer:** Zinsser Co., Inc. 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.

---

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