

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:** April 15, 2005**Product Name:** Shieldz Clear**Product Codes:** 2100, 2101, 2102, 2104, 2111, 2114

Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Talc	14807-96-6	20 mppcf*	2 mg/m ³ **
Trade Secret	NJTSR# 37540800-5002	100 ppm	100 ppm (Skin)

* Inhalable Dust Fraction ** Respirable Dust Fraction
NJTSR = New Jersey Trade Secret Registry Number.

Section 3 Hazard Identification

Emergency Overview: This material is a stable, non-flammable, white flowable liquid with a flashpoint above 200° Fahrenheit. It is primarily used as a wallcovering primer.

Primary Routes of Exposure:

Eye Contact

Potential Acute Health Effects:

Eye: May cause eye irritation.

Skin: Absorption through skin contact not considered a significant route of exposure during intended use.

Ingestion: Ingestion is not considered a significant route of exposure during intended use.

Inhalation: Inhalation is not considered a significant route of exposure during intended use.

Potential Chronic Health Effects:

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

Signs and Symptoms: None known.

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

Section 4 First Aid Measures

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: Do not take internally. 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.

Note to Physician: This material is basically non-toxic. A small quantity (approximately one-tablespoon) is unlikely to cause harm.

Section 5 Fire Fighting Measures

Flash Point (method): Not Determined (expected to be above 200° F based on ingredients).

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.

Fire and Explosion Hazards: The liquid material will not burn. However, the dried paint film may burn in a fire.

Section 6 Accidental Release Measures

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)

Section 7 Handling and Storage

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

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

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

Section 8 Exposure Controls / Personal Protection

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, goggles 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 concentrations exceed permissible exposure limits or 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 inhalation and skin contact.

Section 9 Physical Data

Appearance:	White flowable liquid.	Odor:	Mild, sweet acrylic odor.
Physical State:	Liquid	pH:	7.5 to 8.5
Boiling Point:	Above 200° F.	Melting Point:	Below 32° F.
Odor Threshold:	N/D	Viscosity:	2,000 – 4,000 cps
Solubility in Water:	Dilutable in water.	Specific Gravity (water = 1):	1.08

Section 10 Stability and Reactivity

Stability: This material is stable. Not reactive.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None known.

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

Conditions to Avoid: None known.

Incompatibility: None known.

Section 11 Toxicological Information

Carcinogenicity: This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

Chronic Health Effects: None known.

(See also Section 15 for related information)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

RCRA Hazardous Waste: Not a RCRA hazardous waste.

Recommended Waste Disposal Method: This material is not considered hazardous waste under Federal Hazardous Waste Regulations (40CFR 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

Not regulated by the US Department of Transportation (DOT)

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:

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

<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/D: Not Determined
N/E: Not Established	N/R: Not Required
STEL: Short Term Exposure Limit	C: OSHA Ceiling Value
cps: Centipoise	mg/m ³ : Milligrams per cubic Meter
mppcf: Million particles per cubic foot of air.	PPM: Parts Per Million
PPB: Parts Per Billion	PEL: Permissible Exposure Limit
TLV: Threshold Limit Value	TWA: Time Weighted Average
ACGIH: American Conference of Governmental Industrial Hygienists	

N/A: Not Applicable	N/D: Not Determined	N/E: Not Established	N/R: Not Required	Est.: Estimated
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CPSC: Consumer Product Safety Commission
FHSA: Federal Hazardous Substance Act
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)
RCRA: Resource Conservation and recovery Act
SARA: Superfund Amendment and Reauthorization Act
Skin: This substance has the potential to be absorbed systemically through the skin.
TSCA: Toxic Substance Control Act

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