

# Material Safety Data Sheet

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## Section 1 General Information

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**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: GARDZ****Codes: 02895 02300 02301 02304**

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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>
Proprietary non-hazardous ingredients	N/A	N/A	N/A
Water	7732-18-5	N/A	N/A

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## Section 3 Hazard Identification

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**Emergency Overview:** This material is a waterbased primer/sealer. It is a non-flammable white fluid liquid with a flashpoint greater than 200° F.

**Primary Routes of Exposure:**

Skin Contact  
Eye Contact

**Potential Acute Health Effects:**

**Eye:** Avoid eye contact. May cause eye irritation.

**Skin:** Avoid prolonged skin contact. May cause skin irritation.

**Ingestion:** None known. Ingestion is not considered a significant route of exposure during intended use.

**Inhalation:** None known. Inhalation is not considered a significant route of exposure during intended use.

**Potential Chronic Health Effects:** None known.

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

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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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## Section 4 First Aid Measures

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**Eye contact:** Flush eyes with water for at least 15 minutes.

**Skin contact:** Wash affected area well with soap and water.

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

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** > 200° F

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

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## Section 6 Accidental Release Measures

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**Personal Precautions:** Keep unnecessary people away. Avoid skin contact by wearing chemical protective gloves, boots, and clothing when cleaning up spills. Avoid eye contact by wearing safety glasses, chemical splash goggles, or full-face shield.

**Clean Up Methods:** Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid 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. Keep container closed when not in use.

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## Section 8 Exposure Controls / Personal Protection

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## **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.

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## **Section 9 Physical Data**

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<b>Appearance:</b>	White, fluid liquid.	<b>pH:</b>	9
<b>Boiling Point:</b>	N/D	<b>Melting Point:</b>	N/D
<b>Vapor Pressure:</b>	N/D	<b>Vapor Density:</b>	N/D
<b>Odor Threshold:</b>	N/D	<b>Viscosity:</b>	100 – 500 cps (@ 74° F)
<b>Solubility in Water:</b>	N/D	<b>Specific Gravity (water = 1):</b>	1.2
<b>VOC Content:</b>	≤ 100 g/l		

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## **Section 10 Stability and Reactivity**

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<b>Stability:</b>	Stable, non-reactive.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Conditions to Avoid:</b>	None known.
<b>Incompatibility:</b>	None known.

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## **Section 11 Toxicological Information**

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

(See also Section 15 for related information)

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## Section 12 Ecological Information

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**Chemical Fate and Effects:** No data available.

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## Section 13 Disposal Considerations

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**RCRA Hazardous Waste:** No

**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.

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## Section 14 Transportation Information

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Not regulated by the US Department of Transportation (DOT)

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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).

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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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<b>Legend:</b> 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

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**cps:** Centipoise  
**mppcf:** million particles per cubic foot of air.  
**PPB:** Parts Per Billion  
**TLV:** Threshold Limit Value  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**CPSC:** Consumer Product Safety Commission  
**DOT:** United States Department of Transportation  
**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

**mg/m<sup>3</sup>:** milligrams per cubic meter

**PPM:** Parts Per Million

**PEL:** Permissible Exposure Limit

**TWA:** Time Weighted Average

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**Disclaimer:** Zinsser Company, 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.

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