

# Material Safety Data Sheet

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## Section 1 General Information

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**Manufacturer:**

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

**Emergency Telephone: Chemtrec (800) 424-9300****Date: August 8, 2006****Product Name: Z-Prime**

Product Codes: 12600, 12601, 12602, 12603, 12604

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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>
Aliphatic Petroleum Distillates	64742-89-8	500 ppm	N/E
Aliphatic Petroleum Distillates	64742-88-7	500 ppm	N/E
Aluminum Silicate	1318-74-7	15 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>
Diatomaceous Earth	61790-53-2	<u>80 mg/m<sup>3</sup></u> % SiO <sub>2</sub> + 2	10 mg/m <sup>3</sup> † (3 mg/m <sup>3</sup> **)
Limestone	1317-65-3	15 mg/m <sup>3</sup> * (5 mg/m <sup>3</sup> **)	10 mg/m <sup>3</sup>
Talc	14807-96-6	20 mppcf	2 mg/m <sup>3</sup> *
Titanium dioxide	13463-67-7	15 Mg/m <sup>3</sup> *	10 Mg/m <sup>3</sup>

\* Total Dust

\*\* Respirable Dust Fraction

† Inhalable fraction

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## Section 3 Hazard Identification

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**Emergency Overview:** This material is a solvent-based interior primer-sealer used to coat wood and other surfaces before painting. This material is a white flowable liquid with a flash point of 54° F.

**Primary Potential Routes of Exposure:**

Inhalation  
Skin Contact  
Eye Contact

**Potential Acute Health Effects:**

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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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**Eye:** May cause eye irritation.

**Skin:** Frequent or prolonged contact may cause skin irritation.

**Ingestion:** Although not considered a significant route of exposure, ingestion may cause gastrointestinal irritation if ingested.

**Inhalation:** Inhalation of vapors may cause respiratory tract irritation.

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

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

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## Section 4 First Aid Measures

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**Eye contact:** Flush eyes with water for 15 minutes. Get medical attention.

**Skin contact:** Wash with soap and water. If irritation persists, get medical attention.

**Ingestion:** If swallowed, DO NOT induce vomiting. Call a physician or poison control center immediately.

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

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## Section 5 Fire Fighting Measures

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**Flash Point** [method]: 54° F [T.C.C.]

**Flammable Limits in Air:** Lower (LEL): N/D  
Upper (UEL): N/D

**Extinguishing Media:** Water, All purpose dry chemical (ABC), CO<sub>2</sub>, or foam.

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

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Eliminate all ignition sources. 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.

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(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:** Prevent eye contact. Avoid contact with skin and clothing.

**Storage:** Store in a cool dry place away from excessive heat or open flame. Do not store near oxidizers.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** Use in well-ventilated areas. If necessary, use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations.

### **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 workplace exposure limits are exceeded or if irritation is experienced wear NIOSH approved respiratory protection, with organic vapor cartridges or a supplied air respirator, appropriate for the exposure conditions.

**General Hygiene Practices:** Wash after handling material. Prevent Eye contact. Avoid prolonged skin and inhalation contact. Wash thoroughly before handling food and cosmetics or before smoking.

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## Section 9 Physical Data

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**Appearance:** White, flowable liquid

**Odor:** Petroleum solvent type odor

**Physical State:** Liquid

**pH:** N/A (solvent based system)

**Boiling Point:** ~325° F \*

**Melting Point:** N/A

**Vapor Pressure:** <20 mm Hg

**Vapor Density\*** (Air =1): Heavier than air.

**Solubility in Water:** Not soluble in water. **Density:** 10.91 lbs./gal.

**VOC Content:** ≤ 450 g/l

\* Based on solvent.

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## Section 10 Stability and Reactivity

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**Stability:** This material is stable.

**Hazardous Polymerization:** Not expected or known to occur.

**Hazardous Decomposition Products:** None known.

**Conditions to Avoid:** Keep away from heat and open flames.

**Incompatibility:** Strong oxidizing agents.

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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:** This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of ignitability (D001). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

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## Section 14 Transportation Information

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**Regulated by the DOT:** Yes

**DOT Proper Shipping Name:** Paint

**UN / NA Number:** UN 1263

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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).

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>
Ethyl benzene	100-41-4	0.25 %
Xylene	1330-20-7	0.55 %

### **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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**Legend:** N/A: Not Applicable  
N/E: Not Established  
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  
DOT: United States Department of Transportation  
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

N/D: Not Determined  
N/R: Not Required  
C: OSHA Ceiling Value  
PPB: Parts Per Billion  
TLV: Threshold Limit Value  
mg/m<sup>3</sup>: Milligrams per cubic Meter

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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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