

# 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:** BULLS EYE 1-2-3

**Codes:** 02000 02001 02004 02010 02011 02012 02014 02018 02055 02057  
02060 02070 02073 02080

## Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>
Calcium Carbonate	471-34-1	15 mg/m <sup>3</sup> * 5 mg/m <sup>3</sup> **	3 mg/m <sup>3</sup> ** 10 mg/m <sup>3</sup> †
Ethylene Glycol	107-21-1	N/E	100 mg/m <sup>3</sup> (C) (aerosol only)
Limestone	1317-65-3	15 mg/m <sup>3</sup> *	3 mg/m <sup>3</sup> ** 10 mg/m <sup>3</sup> †
Talc	14807-96-6	15 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup>
Titanium Dioxide	13463-67-7	15 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup>
Zinc Oxide	1314-13-2	15 mg/m <sup>3</sup> * 5 mg/m <sup>3</sup> **	2 mg/m <sup>3</sup> * 10 mg/m <sup>3</sup> ** (STEL)

\* Total Dust

\*\* Respirable particles

C = Ceiling Value

† Inhalable particles

## Section 3 Hazard Identification

**Emergency Overview:** This material is paint primer. It is a stable, non-flammable, white flowable liquid with a flash point above 200° Fahrenheit.

### Primary Routes of Exposure:

Skin Contact  
Eye Contact

### Potential Acute Health Effects:

**Eye:** May cause slight eye irritation.

**Skin:** May cause slight skin irritation in certain individuals. However, absorption through skin contact is not considered to be a significant route of exposure.

**Ingestion:** Ingestion not considered a significant route of exposure.

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**Inhalation:** Inhalation not considered a significant route of exposure.

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

**Signs and Symptoms:** N/A

(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 eye with water for 15 minutes. If symptoms persist, consult a physician.

**Skin contact:** Wash with soap and water. If symptoms occur, consult a physician.

**Ingestion:** Swallowing less than an ounce is not expected to cause significant harm. For larger amounts, do not induce vomiting, give one or two glasses of water to drink and 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 person to fresh air. Seek medical attention if symptoms develop.

**Note to Physician:** According to the Federal Hazardous Substance Act this material is not considered to be a primary eye irritant or a primary dermal irritant, and it is not considered to be an acute oral toxin.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** > 200° F

**Extinguishing Media:** Foam, Alcohol Foam, CO<sub>2</sub> Dry Chemical, Water Fog.

**Protection of Firefighters:** No special protection required. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Fire and Explosion Hazards:** This 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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**Clean Up Methods:** Keep unnecessary people away. Contain spills with inert material (sand, earth, etc.) and transfer 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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**Engineering Controls:** If exposure conditions warrant, use 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 contact.

**Skin Protection:** Wear gloves to prevent prolonged skin contact.

**Respiratory Protection:** None required under normal intended use conditions. In areas of poor ventilation or if vapor exposure causes discomfort, wear NIOSH approved respirator with organic vapor cartridges.

**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 after handling. Prevent Eye contact. Avoid prolonged skin and inhalation contact. Wash thoroughly before handling food.

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## Section 9 Physical Data

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<b>Appearance:</b>	White emulsion.	<b>Odor:</b>	Acrylic like odor.
<b>Physical State:</b>	Liquid	<b>pH:</b>	9.0 – 10.0
<b>Boiling Point:</b>	Approximately 212° F	<b>Melting Point:</b>	Approximately 32° F
<b>Vapor Pressure:</b>	N/D	<b>Vapor Density:</b>	N/D
<b>Viscosity:</b>	3000 – 8000 cps (at 74° F)	<b>Solubility in Water:</b>	Dilutable in water.
<b>Specific Gravity (water = 1):</b>	1.26 (10.5 lb/gal)	<b>VOC Content:</b>	≤ 100 g/l

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## Section 10 Stability and Reactivity

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<b>Stability:</b>	This material is stable, not 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:** Not considered carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

**Target Organs Effected:** None known.

**Eye Irritant:** This material has been tested for primary eye irritation in accordance with the FHSA. This material is not considered to be a primary eye irritant.

**Dermal Irritant:** This material has been tested for primary dermal irritation in accordance with the FHSA. This material is not considered to be a primary dermal irritant.

**Inhalation Irritant:** This material has been tested for acute oral toxicity in accordance with the FHSA. This material is not considered to be an acute oral toxin.

(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>
Ethylene Glycol	107-21-1	3%

### 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>
Ethylene Glycol	107-21-1	3%
Zinc Compounds	N 982	1%

### 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/D: Not Determined  
 N/E: Not Established N/R: Not Required  
 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<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

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