Material Safety Data Sheet

Section 1 General Information

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

Emergency Telephone: Chemtrec (800) 424-9300 **Date: July 17, 2007**

Product Name: Prime & Seal Water-Base

Codes: 01800 01801 01803 01804

Section 2 Hazardous Ingredients

Hazardous Component	CAS#	OSHA PEL	ACGIH TLV
Ethylene Glycol	107-21-1	N/E	100 mg/m^3 (C)
Limestone	1317-65-3	15 mg/m^3 * 5 mg/m^3 **	10 mg/m^3
Kaolin	1332-58-7	15 mg/m^3 * 5 mg/m^3 **	2 mg/m^3 **
Talc	14807-96-6	20 mppcf	2 Mg/m^3
Titanium Dioxide	13463-67-7	15 mg/m^3 *	10 mg/m^3

* Total Dust ** Respirable Dust Fraction C = Ceiling Value

Section 3 Hazard Identification

Emergency Overview: This material is water based 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: May cause gastrointestinal irritation, however ingestion is not considered a significant route of exposure.

Inhalation: May cause respiratory tract irritation, however inhalation not considered a significant route of exposure.

Potential Chronic Health Effects: None known.

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

Section 4 First Aid Measures

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

Section 5 Fire Fighting Measures

Flash Point (method)**:** > 200° F

Extinguishing Media: Foam, Alcohol Foam, CO_2 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.

Section 6 Accidental Release Measures

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)

Section 7 Handling and Storage

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

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

Section 8 Exposure Controls / Personal Protection

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, if vapor exposure causes discomfort, or if applicable workplace exposure limits are exceeded wear a NIOSH approved respirator with organic vapor cartridges when working with the liquid material. Where dust exposure may exceed applicable workplace exposure limits due to sanding the dried primer film, wear a NIOSH approved respirator with P-100 filters.

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.

Section 9 Physical Data

Appearance: White emulsion.

Odor: Acrylic like odor.

Physical State: Liquid

pH: 9.0 – 10.0

Boiling Point: Approximately 212° F

Melting/Freezing Point: Approx. 32° F

Vapor Pressure: N/D

Vapor Density: N/D

Viscosity: 90- 95 KU

Solubility in Water: Dilutable in water.

Specific Gravity (water = 1)**:** 1.4

Density: 11.6 lb/gal

VOC Content: ≤ 100 g/l

Section 10 Stability and Reactivity

Stability: This material is stable, not reactive.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None known.

Conditions to Avoid: None known.

Incompatibility: None known.

Section 11 Toxicological Information

Carcinocenicity: 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)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

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.

Section 14 Transportation Information

Regulated by the US DOT: No. This product is considered Non Hazardous by 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:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
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:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
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:

Chemical Name	CAS# or Chemical Category	Maximum Concentration (Wt. %)
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.

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
PPM: Parts Per Million
PPB: Parts Per Billion
PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
TWA: Time Weighted Average
mg/m^3: 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 Regulatory Compliance Dept.
173 Belmont Drive Somerset, NJ 08875 (732) 469-8100

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