

# 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

**HMIS Rating**

HEALTH: 1  
FLAMMABILITY: 3  
REACTIVITY: 0

Emergency Telephone: Chemtrec (800) 424-9300

**Date: July 18, 2002**

**Product Name: Blend & Glaze Alkyd**

Product Codes: 4101, 4104, 4108

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## Section 2 Hazardous Ingredients

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<b><u>Hazardous Component</u></b>	<b><u>CAS#</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
Clay	121888-66-2	5 mg/m <sup>3</sup> * (15 mg/m <sup>3</sup> **)	3 mg/m <sup>3</sup> * (10 mg/m <sup>3</sup> **)
Mineral Spirits	8052-41-3	500 ppm	100 ppm
Naphtha	64741-65-7	500 ppm	N/E
Talc	14807-96-6	20 mppcf	2 mg/m <sup>3</sup> *
Zinc Stearate	557-05-1	5 mg/m <sup>3</sup> * (15 mg/m <sup>3</sup> **)	3 mg/m <sup>3</sup> * (10 mg/m <sup>3</sup> **)

\* Respirable Dust Fraction

\*\* Total Dust

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## Section 3 Hazard Identification

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**Primary Routes of Exposure:**

Inhalation  
Skin Contact  
Eye Contact

**Potential Acute Health Effects:**

**Eye:** May cause eye irritation.

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

**Ingestion:** Although not considered a significant route of exposure, ingestion may cause gastrointestinal tract irritation and nausea.

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

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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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**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 at least 15 minutes. Seek medical attention if irritation persists.

**Skin contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, do not induce vomiting. Contact a poison control center or physician immediately.

**Inhalation:** If exposed to excessive levels of vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** 83° F

**Extinguishing Media:** Use foam, carbon dioxide, dry chemical or water spray when fighting fires involving this material.

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

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** Eliminate 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 material 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)

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## Section 7 Handling and Storage

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**Handling:** Avoid contact with eyes, 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 below applicable exposure limits.

### **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 exposure limits are exceeded or if irritation is experienced, appropriate NIOSH approved respiratory protection with organic vapor cartridges should be worn.

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

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## Section 9 Physical Data

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<b>Appearance:</b> White, flowable liquid	<b>Odor:</b> Slight hydrocarbon solvent odor
<b>Physical State:</b> Liquid	<b>pH:</b> N/A (solvent based system)
<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 KU
<b>Solubility in Water:</b> N/D	<b>Specific Gravity (water = 1):</b> 1.13

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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.

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**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:** UN1263

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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:

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<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>
Xylene	1330-20-7	0.5%
1,2,4-Trimethylbenzene	95-63-6	0.2%

**TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product contains the following chemicals which require export notification under section 12(b) of the TSCA regulation:

<u>Chemical Name</u>	<u>CAS#</u>	<u>TSCA Section</u>
Methyl ethyl ketoxime	96-29-7	Sec. 4
1,2,4 Trimethylbenzene	95-63-6	Sec. 4

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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
cps: Centipoise	mg/m <sup>3</sup> : 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

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**ACGIH:** American Conference of Governmental Industrial Hygienists  
**CPSC:** Consumer Product Safety Commission  
**DOT:** US 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

**HMIS Key**

4 = Severe Hazard  
3 = Serious Hazard  
2 = Moderate Hazard  
1 = Slight Hazard  
0 = Minimal Hazard

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**Disclaimer:** William 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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