

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:** Pro Finisher Water-Base Polyurethane Gloss**Codes:** 137133 137135

Section 2 Hazardous Ingredients

| <u>Hazardous Component</u> | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|---------------------------------------|-------------|---------------------|---------------------------|
| DPM (DiPropylene Glycol Methyl Ether) | 34590-94-8 | 100 ppm | 100 ppm 150 ppm (STEL) |

Section 3 Hazard Identification

Emergency Overview: This product is a non-flammable milky white liquid with a slight ammonia odor.

Primary Routes of Exposure:

Skin Contact
Eye Contact
Inhalation

Potential Acute Health Effects:

Eye: Exposure may cause mild eye irritation. Symptoms may include stinging, tearing, and redness.

Skin: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Pre-existing skin disorders may be aggravated by exposure to this material.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Ingestion: Swallowing this material may cause gastrointestinal irritation (nausea, vomiting, and diarrhea) and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Inhalation: Inhalation of vapors may cause nose, throat, and respiratory tract irritation, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and aggravate pre-existing lung disorders (e.g., asthma-like conditions).

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

Section 4 First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention. Keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Ingestion: If swallowed contact a physician, poison control center, or hospital emergency room. Do Not induce vomiting because of the danger of aspirating liquid into the lungs. If spontaneous vomiting occurs, monitor breathing for difficulty. Treat symptomatically and supportively. Get medical attention.

Section 5 Fire Fighting Measures

Flash Point (method): Nonflammable. No flash point

Extinguishing Media: Foam, Dry Chemical, Water Fog, CO₂

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

Section 6 Accidental Release Measures

Clean Up Methods: Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc). Transfer liquids to container 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)

Section 7 Handling and Storage

Handling: Keep from freezing.

Storage: Storage temperature MAX 60°C/140°F; MIN 1°C/34°F. Keep containers tightly closed, cool, dry and away from heat sources.

Section 8 Exposure Controls / Personal Protection

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 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.

Section 9 Physical Data

Appearance: Milky white liquid

Odor: Slight ammonia odor

Physical State: N/D

pH: N/D

Boiling Point: 100°C/212°F

Melting Point: N/D

Vapor Pressure: 17 @ 20°C Water

Vapor Density: Greater than 1

Viscosity: N/D

Solubility in Water: Dilutable

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Specific Gravity (water = 1): 1.0

Section 10 Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: N.A.

Conditions to Avoid: N.A

Incompatibility: Strong oxidizing agents.

Section 11 Toxicological Information

Carcinogenicity: The following ingredients are present at greater than 0.1% and are classified by IARC, NTP, or OSHA as carcinogenic:

| <u>Ingredient</u> | <u>CAS #</u> | <u>IARC</u> | <u>NTP</u> | <u>OSHA</u> |
|-------------------|--------------|-------------|------------|-------------|
| None | N/A | N/A | N/A | N/A |

(See also Section 15 for related information)

Section 12 Ecological Information

Chemical Fate and Effects: None known

Section 13 Disposal Considerations

RCRA Hazardous Waste: 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 DOT: Not regulated

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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:

| <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> |
|---------------------------------|-------------|--------------------------------------|
| 2-Pyrrolidinone, 1-Methyl (NMP) | 872-50-4 | 3.0% |

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.

| <u>Chemical Name</u> | <u>CAS#</u> | <u>Maximum Concentration (Wt. %)</u> |
|---------------------------------------|-------------|--------------------------------------|
| DPM (DiPropylene Glycol Methyl Ether) | 34590-94-8 | 5% |

Section 16 Other Information

Legend: N/A: Not Applicable
N/E: Not Established

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cps: Centipoise
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
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

KU: Krebs Units
C: OSHA Ceiling Value
PPB: Parts Per Billion
TLV: Threshold Limit Value
mg/m³: Milligrams per cubic Meter

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