

Material Safety Data Sheet

Section 1 General Information

Manufacturer:

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

HMIS Rating

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

Emergency Telephone: Chemtrec (800) 424-9300

Date: 5/22/01

Product Name: DAP™ Premium Water Repellent Sealer

Product Code: 01915 01950 01951

Section 2 Hazardous Ingredients

| <u>Hazardous Component</u> | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------------|-------------|---------------------|----------------------|
| Ethylene glycol | 107-21-1 | 50 ppm | 50 ppm |

Section 3 Hazard Identification

Emergency Overview: This material is a waterbased, milky white liquid with a mild odor and a flash point greater than 200° F.

Primary Routes of Exposure:

Skin Contact
Eye Contact

Potential Acute Health Effects:

Eye: Contact may cause eye irritation.

Skin: Contact may cause skin irritation.

Ingestion: If ingested, may cause vomiting, diarrhea, and depressed respiratory function.

Inhalation: Avoid misting or splashing. Because of ethylene glycol's low vapor pressure, inhalation of ethylene glycol is unlikely.

Potential Chronic Health Effects:

Signs and Symptoms: Ingestion of large amounts of neat ethylene glycol may lead to respiratory and cardiac failure, and kidney and liver damage.

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

Section 4 First Aid Measures

Eye contact: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

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

Ingestion: If swallowed, Do Not induce vomiting (unless directed to do so by medical personnel). Contact a physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Get medical attention if symptoms persist. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Note to Physician: Treatment should be directed at the control of symptoms and the clinical manifestations.

Section 5 Fire Fighting Measures

Flash Point (method): >200° F.

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

Autoignition Temperature: N.D.

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

Protection of Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool exposed containers but only if there is no risk of the runoff contaminating adjacent area.

Fire and Explosion Hazards: None known.

Section 6 Accidental Release Measures

Clean Up Methods: Stop leak if you can do so without risk of injury. Keep spill out of sewer and open bodies of water. Avoid runoff into storm sewers and ditches that lead to waterways. For small spills, dike and contain with inert material (sand, earth, etc.) and transfer liquid to containers for recovery or disposal. For large spills, dike far ahead of

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

the spill. Absorb remaining liquid with absorbent material. Keep unnecessary people away. Isolate hazard area and deny entry to unauthorized personnel. Stay upwind, keep out of low areas, and ventilate closed spaces before entering.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

Section 7 Handling and Storage

Handling: Keep out of reach of children. Avoid skin and eye contact. Avoid breathing vapors. Use with adequate ventilation. Keep contents and freshly treated articles away from flame, food, and living plants. Do not contaminate water by cleaning equipment or disposing of waste. For exterior use only. This product should be applied to articles that are to remain outdoors. When applying this product, care should be taken as to not to allow vapors to enter indoor areas.

Storage: Store at ambient or lower temperature. Keep containers tightly closed and upright when not in use. Protect against physical damage. Avoid breathing vapors and aerosols. Use only with adequate ventilation. Do not eat, drink or smoke in areas of use or storage. Assure that proper personal protective measures are taken when opening or entering confined storage vessels. Store away from caustics and oxidizers. Keep containers from excessive heat or freezing. Do not store at temperatures above 120° F.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Provide sufficient mechanical ventilation (local exhaust or general room dilution) to maintain exposure levels below PEL or TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapor before entering.

Personal Protective Equipment (PPE):

Eye Protection: Chemical splash goggles, safety glasses with side shields, or full-face masks are recommended.

Skin Protection: Chemical resistant gloves (rubber, nitrile, etc.), long sleeved shirts and long pants are recommended to avoid skin contact.

Respiratory Protection: None normally required under anticipated use conditions. A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister should be used be in circumstances where airborne concentrations are expected to exceed exposure limits.

Other Protective Clothing: Impervious apron and rubber boots to prevent skin contact.

General Hygiene Practices: Remove contaminated clothing and wash before reusing. Do not eat, drink, or smoke while handling to avoid accidental ingestion of this material.

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

Section 9 Physical Data

Appearance: Milky white fluid **Odor:** Mild odor
Physical State: Liquid **pH:** N.D.
Boiling Range: 210° F - 220° F **Evaporation Rate:** Slower than butyl acetate
Vapor Pressure: 24 mm Hg @ 68° F **Vapor Density:** Heavier than air.
Odor Threshold: N.D. **Viscosity:** ~200 cps
Solubility in Water: Soluble **Specific Gravity (water = 1):** 1.0047

Section 10 Stability and Reactivity

Stability: Stable, non-reactive.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: None known.
Conditions to Avoid: Excessive heat and freezing.
Incompatibility: Strong oxidizers and caustics.

Section 11 Toxicological Information

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)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

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.

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

Section 14 Transportation Information

Regulated by the US DOT: No, not regulated by US DOT as a hazardous material.

Freight Classification: Wood Preservative, N.O.I., Liquid

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> |
|----------------------|-------------|--------------------------------------|
| Ethylene glycol | 107-21-1 | 5.0 % |

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.

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

Section 16 Other Information

Legend: N/A: Not Applicable
N/E: Not Established
STEL: Short Term Exposure Limit
cps: Centipoise
mppcf: million particles per cubic foot of air.
PPB: Parts Per Billion
TLV: Threshold Limit Value
ACGIH: American Conference of Governmental Industrial Hygienists
CPSC: Consumer Product Safety Commission
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

N/D: Not Determined
N/R: Not Required
C: OSHA Ceiling Value
mg/m³: milligrams per cubic meter
PPM: Parts Per Million
PEL: Permissible Exposure Limit
TWA: Time Weighted Average

HMIS Key

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

Prepared By: Zinsser Health and Safety Manager, Regulatory Compliance Dept.
173 Belmont Drive Somerset, NJ 08875 (732) 469-8100

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.

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