

Material Safety Data Sheet

Section 1 General Information

Manufacturer:

Wolman Wood Care Products
Zinsser Company, Inc.
173 Belmont Drive
Somerset, NJ 08875
(732) 469-8100

Emergency Telephone: Chemtrec (800) 424-9300

Date: May 18, 2004

Product Name: Wolman® RainCoat® Clear Water Repellent – Oil Base

Product Codes: 12383 12385 12386 12387

Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
3-iodo-2-propynyl butyl carbamate	55406-53-6	N/E	N/E
Mineral Spirits	64742-88-7	400 ppm	N/E

Section 3 Hazard Identification

Emergency Overview: This material is an amber colored liquid with a mild odor and a flash point of 104° F. The material is used as a water repellent to protect wood surfaces.

Primary Routes of Exposure:

Eye
Skin
Inhalation

Potential Acute Health Effects:

Eye: Direct contact with liquid or vapor may cause eye irritation.

Skin: Prolonged or repeated contact may cause irritation. May be absorbed through the skin.

Ingestion: May be harmful if swallowed. May cause vomiting. Aspiration of this product into the lung may cause chemical pneumonitis which can be fatal.

Inhalation: Avoid breathing vapors or mists. High concentrates may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches). Prolonged or repeated inhalation and ingestion may cause delayed injury involving the kidneys and the blood.

Potential Chronic Health Effects:

Signs and Symptoms: Individuals with pre-existing disease in, or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at a greater than normal risk of developing adverse effects when exposed to this material.

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

Section 4 First Aid Measures

Eye contact: Immediately flush with plenty of water for 15 minutes. Get medical attention.

Skin contact: Wash thoroughly with soap and water. If redness, itching, burning or other symptoms develop or persist, get medical attention. Wash contaminated clothing before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of milk or water. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Note to Physician: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

Section 5 Fire Fighting Measures

Flash Point: 104° F (40° C)

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

Extinguishing Media: Use dry chemical, carbon dioxide, foam or water spray.

Protection of Firefighters: Wear complete fire service protective equipment, including full-face, self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel. Toxic vapors may be given off in a fire.

Fire and Explosion Hazards: When heated (fire conditions), vapor/decomposition products may be released forming flammable mixtures in air. Closed containers may explode when exposed to extreme heat (fire.)

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: Avoid skin and eye contact. Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly after handling. Observe good personal hygiene practices. 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. Keep out of reach of children.

Storage: Store at ambient temperature. Keep containers tightly closed and upright when not in use. Protect against physical damage. Store away from caustics and oxidizers. Keep containers from excessive heat or freezing. Do not store at temperatures above 120° F. Maintain good housekeeping.

Other: Do not use until manufacturer's directions and precautions have been read and understood.

Section 8 Exposure Controls / Personal Protection

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

Personal Protective Equipment (PPE):

Eye Protection: Wear chemical splash goggles, safety glasses with side shields, or full-face mask.

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.

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

General Hygiene Practices: Remove contaminated clothing and wash before reusing. To avoid accidental ingestion, do not eat, drink, smoke, or apply cosmetics while handling this material.

Section 9 Physical Data

Appearance:	Amber liquid	Odor:	Mild petroleum odor
Physical State:	Liquid	pH:	N/D
Boiling Point:	313 F/156C	Melting Point:	N/D
Vapor Pressure:	2 mm Hg @ 20 C	Vapor Density (AIR=1):	N/D
Odor Threshold:	N/D	Viscosity:	N/D
Solubility in Water:	Negligible	Wt. per Gallon (lbs.):	6.80

Section 10 Stability and Reactivity

Stability: Stable. **Hazardous Polymerization:** None

Hazardous Decomposition Products: May produce carbon monoxide or carbon dioxide by thermal decomposition.

Conditions to Avoid: Keep away from heat, sparks, open flame and fire.

Incompatibility: Strong oxidizing materials.

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: Product has not been tested for ecotoxicity.

Section 13 Disposal Considerations

RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261). 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

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

waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

Section 14 Transportation Information

Regulated by the US DOT: No. This product is not considered a hazardous material by DOT.

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>
3-iodo-2-propynyl butyl carbamate	55406-53-6	0.5%

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>
1,2,4 Trimethylbenzene	95-63-6	Sec. 4

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

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: 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
