

# Material Safety Data Sheet

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## Section 1 General Information

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**Manufacturer:**

Rust-Oleum Corporation

11 Hawthorn Parkway

Vernon Hills, IL 60061

**24 Hour Assistance: 1-847-367-7700**[www.rustoleum.com](http://www.rustoleum.com)**Date: April 10, 2009****Product Name: Zinsser Jomax Mold & Mildew Shield****Codes:** 60178 60179

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## Section 2 Hazardous Ingredients

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<u>Hazardous Component</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Acrylic Copolymer	N/A	N/E	N/E
Isopropanol	67-63-0	400 ppm	200 ppm (400 ppm - STEL)
Tri-butoxyethyl phosphate	78-51-3	N/E	N/E
Water	7732-18-5	N/E	N/E

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## Section 3 Hazard Identification

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**Emergency Overview:** This material is a clear opaque fluid emulsion with a characteristic scent.

**Primary Routes of Exposure:**

Skin Contact

Eye Contact

**Potential Acute Health Effects:****Eye:** May cause eye irritation.**Skin:** May cause skin irritation.**Ingestion:** May cause gastrointestinal irritation.**Inhalation:** 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.

**Signs and Symptoms:** 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 plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

**Skin contact:** Wash affected area with soap and water. If symptoms persist, get medical attention.

**Ingestion:** If swallowed, contact a physician or Poison Control Center. Do not induce vomiting unless directed to do so by medical personnel. Give victim two large glasses of water. Never give anything by mouth to an unconscious person.

**Inhalation:** If symptoms develop, remove person to fresh air. If symptoms persist, get medical attention.

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## Section 5 Fire Fighting Measures

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**Flash Point (method):** 170 F (setaflash)

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire. Use water spray to cool fire-exposed containers, to dilute liquid, and control vapor.

**Protection of Firefighters:** As in all fire, full protective gear and self-contained breathing apparatus should be worn.

**Fire and Explosion Hazards:** None.

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## Section 6 Accidental Release Measures

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**Clean Up Methods:** 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 the spill. 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. Stop leak if you can do so without risk of injury. Keep spill out of sewer and open bodies of water.

(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 prolonged or repeated contact with skin. Keep out of reach of children.

**Storage:** Store at moderate temperatures (50° – 100° F). Protect from freezing. Keep container closed when not in use. Store in well ventilated area. Store away from heat.

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## Section 8 Exposure Controls / Personal Protection

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**Engineering Controls:** If exposure conditions warrant, use mechanical local exhaust ventilation or general dilution ventilation to reduce vapor concentrations below applicable occupational exposure limits.

### **Personal Protective Equipment (PPE):**

**Eye Protection:** Avoid eye contact. Use eye protection (chemical safety glasses or chemical splash goggles) to prevent contact when splashing is possible.

**Skin Protection:** None normally required. Wear gloves to prevent prolonged or repeated skin contact.

**Respiratory Protection:** None required under normal, intended use conditions. If vapor exposure causes discomfort and in areas of poor ventilation wear NIOSH approved respirator.

**General Hygiene Practices:** Wash thoroughly after handling. Prevent Eye contact. Avoid prolonged skin contact. Avoid inhalation of vapors.

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## Section 9 Physical Data

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<b>Appearance:</b>	Opaque liquid	<b>Odor:</b>	Characteristic odor
<b>Physical State:</b>	Liquid	<b>pH:</b>	3.0 – 5.0
<b>Boiling Point:</b>	N/E	<b>Melting Point:</b>	N/E
<b>Vapor Pressure:</b>	N/E	<b>Vapor Density:</b>	N/E
<b>Viscosity:</b>	N/D	<b>Solubility in Water:</b>	Miscible
<b>Specific Gravity (water = 1):</b>	1.00 – 1.04		

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## Section 10 Stability and Reactivity

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**Stability:** Stable.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Oxides of carbon and phosphorous may be emitted during combustion.

**Conditions to Avoid:** None known.

**Incompatibility:** Strong oxidizing agents

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## Section 11 Toxicological Information

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**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

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## Section 12 Ecological Information

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**Chemical Fate and Effects:** No information

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## Section 13 Disposal Considerations

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**RCRA Hazardous Waste:** No

**Recommended Waste Disposal Method:** Dilute with water and flush to sewer if local ordinances allow, otherwise, whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

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## Section 14 Transportation Information

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**Regulated by DOT:** Not regulated

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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:

<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>
None	N/A	N/A

### **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.

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## Section 16 Other Information

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

N/D: Not Determined  
N/R: Not Required  
KU: Krebs Units  
C: OSHA Ceiling Value  
PPB: Parts Per Billion  
TLV: Threshold Limit Value  
mg/m<sup>3</sup>: Milligrams per cubic Meter

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