

# Material Safety Data Sheet

24 Hour Assistance:  
1-847-367-7700  
Rust-Oleum Corp.  
[www.rustoleum.com](http://www.rustoleum.com)

## Section 1 - Chemical Product / Company Information

Product Name: Varathane Stain and Poly Golden Oak  
Revision Date: 11/30/2005  
Identification Number: 225244  
Product Use/Class: Interior Oil Stain-Poly Finish  
Supplier: Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, IL 60061  
USA  
Manufacturer: ROC Sales Inc.  
8105 95th Street  
Pleasant Prairie WI 53158  
USA  
Preparer: Regulatory Department

## Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Mineral Spirits	8052-41-3	45.0	NE	NE	100 ppm	NE
Oil Modified Urethane	NOT AVAILABLE	45.0	100ppm	N.E.	100ppm	N.E.
Aromatic Solvent 100	64742-95-6	5.0	NE	NE	N.E.	N.E.
methoxypropyl acetate	108-65-6	5.0	150 PPM	N.E.	150 PPM	N.E.
silica	112926-00-8	5.0	10 mg/m3	N.E.	N.E.	N.E.
Silicone Surface Additive	NOT AVAILABLE	1.0	N.E.	N.E.	N.E.	N.E.
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	0.1	100ppm	150ppm	100ppm	N.E.

## Section 3 - Hazards Identification

\*\*\* Emergency Overview \*\*\*: Combustible liquid and vapor. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea. Harmful if swallowed. Causes eye irritation. Vapors irritating to eyes and respiratory tract.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: May cause skin irritation.

Effects Of Overexposure - Inhalation: High vapor concentrations are irritating to the eyes, nose, throat and lungs. May cause headaches and dizziness. Harmful if inhaled.

Effects Of Overexposure - Ingestion: Aspiration hazard if swallowed; can enter lungs and cause damage. Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

## **Section 4 - First Aid Measures**

First Aid - Eye Contact: Hold eyelids apart and flush with plenty of water for at least 15 minutes. Get medical attention.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

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

First Aid - Ingestion: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

## **Section 5 - Fire Fighting Measures**

Flash Point: 106 F  
(CALC)

LOWER EXPLOSIVE LIMIT: 0.6 %  
UPPER EXPLOSIVE LIMIT : 17.4 %

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: Keep containers tightly closed.

Special Firefighting Procedures: Evacuate area and fight fire from a safe distance. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion.

## **Section 6 - Accidental Release Measures**

Steps To Be Taken If Material Is Released Or Spilled: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## **Section 7 - Handling And Storage**

Handling: Avoid contact with eyes. Wash hands before eating. Wash thoroughly after handling. Avoid breathing vapor or mist. Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

Storage: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Keep container closed when not in use.

## **Section 8 - Exposure Controls / Personal Protection**

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

## **Section 9 - Physical And Chemical Properties**

Boiling Range:  
Odor:

105 - 999 F  
Solvent

Vapor Density:  
Odor Threshold:

Heavier than air  
ND

Appearance:	Colored slightly viscous liquid	Evaporation Rate:	Slower than Ether
Solubility in H <sub>2</sub> O:	Slight	Specific Gravity:	
Freeze Point:	ND	PH:	ND
Vapor Pressure:	ND		
Physical State:	Liquid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: Avoid all possible sources of ignition.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

Product LD50: ND

Product LC50: ND

### **Chemical Name**

Mineral Spirits  
Oil Modified Urethane  
Aromatic Solvent 100  
methoxypropyl acetate  
silica  
Silicone Surface Additive  
PROPYLENE GLYCOL MONOMETHYL ETHER

### **LD50**

4900 mg/kg RAT  
N.E.  
4700 mg/kg (rat)  
Rat 13100 mg/kg  
>10000 mg/kg rat .  
N.E.

### **LC50**

NE  
N.E.  
NE  
Rat 2000 ppm/4 hr  
N.E.  
N.E.

## Section 12 - Ecological Information

Ecological Information: Product is a mixture of listed components.

**Section 13 - Disposal Information**

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

**Section 14 - Transportation Information**

DOT Proper Shipping Name:	Paint	Packing Group:	III
DOT Technical Name:	---	Hazard Subclass:	---
DOT Hazard Class:	3	Resp. Guide Page:	127
DOT UN/NA Number:	UN1263		

**Section 15 - Regulatory Information****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

**SARA Section 313:**

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

**Toxic Substances Control Act:**

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12(B) if exported from the United States:

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

**Chemical Name**

Alkyd Resin

**CAS Number**

NOT AVAILABLE

**Pennsylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%.

**Chemical Name**

Alkyd Resin

**CAS Number**

NOT AVAILABLE

**California Proposition 65:**

This product contains no known chemicals known by the state of California to cause cancer.

This product contains no known chemicals known to the state of California to cause birth defects or other reproductive harm.

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** B3 D2B

**Section 16 - Other Information****HMIS Ratings:**

Health: 2\*

Flammability: 2

Reactivity: 0

Personal Protection: X

**VOLATILE ORGANIC COMPOUNDS, g/l:** 442

**REASON FOR REVISION:**

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.