

**Material Safety Data Sheet**  
**WATCO (R) DANISH OIL FINISH L II SERIES - ALL SHADES**

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**SECTION #1 - IDENTIFICATION**

Product: WATCO (R) DANISH OIL FINISH L II SERIES - ALL SHADES

Special Hazards: Harmful or fatal if swallowed. Skin irritant. Combustible.

**HAZARD RATINGS:**

NFPA - Health:	2	Moderate	HMIS - Health:	2	Moderate
- Fire:	2	Moderate	- Flammability:	2	Moderate
- Reactivity:	0	Negligible	- Reactivity:	0	Minimal

SHADE	ORDER CODE	THEORETICAL FORMULA NUMBER
Natural	101	68-69
Medium Walnut	102	68-71
Dark Walnut	103	68-72
Black Walnut	104	68-73
Cherry	105	68-74
Golden Oak	106	68-75
Fruitwood	107	68-76
English Oak	108	68-77
Iced Oak	121	68-78
Light Walnut	120	68-70

**SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS**

Component: MINERAL SPIRITS (SOLVENT NAPHTHA)  
 CAS Number: 64742-88-7 Percent of Mixture: 43.0 to 60.0  
 ACGIH TLV-TWA: 100ppm OSHA PEL-TWA: 100ppm (525mg/m<sup>3</sup>)  
 (as stoddard solvent) (as stoddard solvent)  
 ACGIH TLV-STEL: Not Established OSHA PEL-STEL: Not Established

Component: STODDARD SOLVENT  
 CAS Number: 8052-41-3 Percent of Mixture: 0.02 to 1.5  
 Limits are the same as for mineral  
 spirits (see above)

Component: TITANIUM DIOXIDE (IN ICED OAK ONLY)  
 CAS Number: 13463-67-7 Percent of Mixture: 8.431  
 ACGIH TLV-TWA: 10mg/m<sup>3</sup> (dust) OSHA PEL-TWA: 10mg/m<sup>3</sup> (dust)  
 ACGIH TLV-STEL: Not Established OSHA PEL-STEL: Not Established

**SECTION #3 - PHYSICAL DATA**

Boiling Point: 157.2 - 196.1°C  
 Vapor Pressure: 27mmHg @ 20°C  
 Vapor Density (Air=1): 4.8 (est.)  
 Specific Gravity: See below  
 Solubility (H<sub>2</sub>O): Negligible  
 Percent Volatiles: See below  
 Evaporation Rate: Not Determined  
 pH: n/a

**SECTION #3 - PHYSICAL DATA Continued...**

SHADE	% SOLIDS	SPECIFIC GRAVITY @ 25°C	VOC(g/liter)
Natural	40.53	0.839	502.3
Medium Walnut	42.43	0.849	488.6
Dark Walnut	43.99	0.853	477.2
Black Walnut	48.11	0.862	446.8
Cherry	43.02	0.868	494.5
Golden Oak	41.71	0.862	502.4
Fruitwood	42.18	0.861	497.4
English Oak	41.28	0.849	498.4
Iced Oak	45.16	0.924	506.9
Light Walnut	41.48	0.848	495.4

Appearance

Clear amber to opaque earth-tone, slightly viscous liquid with mild hydrocarbon odor.

**SECTION #4 - FIRE FIGHTING & EXPLOSION DATA**

Flash Point: 105°F TCC

Lower Explosive Limit (%): Not Determined

Upper Explosive Limit (%): Not Determined

Fire and Explosion Hazards

**DANGER:** Contains mineral spirits. Combustible. Do not use or store near heat, sparks, flame, or other sources of ignition.

**DANGER:** Rags, steel wool, and other waste soaked with oil finishes may spontaneously catch fire if improperly discarded. Place rags, steel wool, and waste immediately after use in a sealed, water-filled, metal container.

Extinguishing Media

Use water fog, foam, dry chemical or carbon dioxide. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

Special Fire Fighting Instructions

Caution. Combustible. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

**SECTION #5 - EXPOSURE EFFECTS and FIRST AID**Route of Exposure - Inhalation

Vapors may cause irritation to nose, throat, and respiratory tract.

First Aid - Inhalation

Immediately remove to fresh air. If symptoms persist, call physician.

Route of Exposure - Skin

Irritating to skin.

First Aid - Skin

Wash thoroughly with soap and water. If irritation persists, get medical attention.

**SECTION #5 - EXPOSURE EFFECTS and FIRST AID Continued...**

Route of Exposure - Eyes

Causes eye irritation.

First Aid - Eyes

IMMEDIATELY flush eyes thoroughly with water, then remove any contact lenses. Continue to flush eyes with water for at least 15 minutes. If irritation persists, get medical attention.

Route of Exposure - Ingestion

Harmful or fatal if swallowed.

First Aid - Ingestion

Do not induce vomiting. Call physician immediately.

Miscellaneous Toxicological Information

Carcinogenicity: NTP: No IARC: No OSHA: No

Health Conditions Aggravated By Exposure

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

**SECTION #6 - REACTIVITY & POLYMERIZATION**

Stability: Stable

Conditions to Avoid (Stability)

Heat, sparks, flame or other sources of ignition

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will Not Occur

**SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES**

Steps to be Taken in The Event of Spills, Leaks, or Release

For large spills due to ruptured containers, eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. Collect liquid and store in metal containers for disposal.

Waste Disposal Methods

DANGER: Rags, steel wool, and other waste soaked with oil finishes may spontaneously catch fire if improperly discarded. Place rags, steel wool, and any other waste immediately after use in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

**SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES Continued...**SARA Title III Notifications and Information

## SARA Title III - Section 313 Supplier Notification:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent of Mixture
13463-67-7	TITANIUM DIOXIDE (IN ICED OAK ONLY)	8.431

This information must be included on all MSDSs that are copied and distributed for this material.

**SECTION #8 - SPECIAL PROTECTIVE MEASURES**Ventilation

Avoid inhalation and use only with adequate ventilation. If using indoors, open all windows and doors to make sure there is fresh air movement.

Eye Protection

Wear eye protection when handling.

Skin Protection

Wear rubber gloves when handling.

Respiratory Protection

None normally required for product use providing that ventilation is adequate.

Other Protection

None required.

**SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING**Storage & Handling Conditions

**DANGER:** Contains mineral spirits. Harmful or fatal if swallowed. Do not take internally. Skin irritant. Avoid contact with skin and eyes. Wear rubber gloves and safety glasses when handling. Combustible. Do not use or store near heat, sparks, flame, or other sources of ignition. Close container after each use. Avoid inhalation and use only with adequate ventilation.

Keep out of reach of children.