

MATERIAL SAFETY DATA SHEET

General Finishes Corporation

SECTION 1: Material Identification

Material Name: General Finishes WOOD STAIN Wipe-On Oil Base Stain

Colors: Light Oak, Maple, Candlelight, Mahogany, White Mist, American Walnut, Antique Cherry, Danish Teak, Honey, Honey Maple, Pecan, Salem, Spiced Walnut, Warm Cherry

Revision Date: April 21, 2009

HMIS Ratings

Health: 2
Flammability: 2
Reactivity: 0

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Emergency Phone Numbers:

(262) 642-4545 Chemtrec: 800-424-9309 800-262-8200

SECTION 2: Composition/Information on Ingredients

CAS #	Chemical Name	Percent	TLV	PEL
64742-47-8	Mineral Spirits	20 – 27%	100 ppm TWA	400 ppm TWA
64742-48-9	Mineral Spirits	12 – 14%	100 ppm TWA	400 ppm TWA
8052-41-3	Mineral Spirits	11 - 14.0%	100 ppm TWA	400 ppm TWA
111-84-2	Nonane	11 - 14%	Not established	Not established
Proprietary	Resin	20 - 35%	Not established	Not established
8030-76-0	Soy lecithin	0 – 9%	Not established	Not established
Proprietary	Iron oxides	0.1 – 10%	10 mg/m3 TWA as Fe	10 mg/m3 TWA as Fe
1332-58-7	Kaolin	0 - 2%	10 mg/m3 Total	15 mg/m3 total, 5 mg/m3 resp
14808-60-7	Quartz	0 – 0.4%	0.1 mg/m3 TWA	0.1 mg/m3 TWA
1330-20-7	Xylene	0 - 1%	100 ppm TWA, 150 ppm STEL	100 ppm TWA, 150 ppm STEL
Proprietary	Glycol Ethers	0 - 0.05%	100 ppm TWA, 150 ppm STEL	100 ppm TWA, 150 ppm STEL
66402-68-4	Aluminum silicate, anhydrous	0 - 0.05%	2 mg/m3 TWA resp L	15 mg/m3 total, 5 mg/m3 resp
13463-67-7	Titanium dioxide	0-10%	10 mg/m3 TWA total dust	15 mg/m3 TWA total dust, 5 mg/m3 TWA resp

SECTION 3: Hazards Identification

* Emergency Overview *

Tinted liquid, solvent odor. Combustible. May cause eye, skin or respiratory irritation, dizziness, headache, nausea.

Effects of Short-Term Overexposure:

Eyes: Irritation

Skin: Irritation

Inhalation: Irritation, headache, dizziness, nausea, anesthesia, drowsiness

Ingestion: Irritation, nausea, aspiration hazard

Effects of Chronic Overexposure: NA

Material Exposure Limits: See Section 2 for information on ingredients.

Routes of Entry: Contact, inhalation, ingestion

Target Organs: Eyes, skin, respiratory system, nervous system

Cancer Rating: This material does contain more than 0.1% of any chemical listed by NTP, IARC or OSHA as being carcinogenic.

Quartz 14808-60-7

Additional Information: Not applicable

SECTION 4: First Aid Measures

Eyes: Immediately flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash with soap and water. Seek medical attention if necessary.

Inhalation: If exposed to excessive levels, remove to fresh air. Seek medical attention if necessary.

Ingestion: Rinse mouth if conscious. Do not induce vomiting. Seek medical attention if necessary.

SECTION 5: Fire Fighting Measures

Flash Point: 105.0 °F

Method Used: PMCC (ASTM D93)

Flammable Limits (Percentage in air):

UEL: ND

LEL: ND

Extinguishing Media: Foam, dry chemical, water spray

Control Measures: Use self-contained breathing apparatus and full turn-out gear. Use water spray to cool containers. Avoid spraying water directly into storage containers due to danger of boilover.

Unusual Hazards: Closed containers may rupture or explode when exposed to extreme heat. Material is volatile and will give off flammable vapors. Vapors may travel away to ignition sources and ignite or explode.

SECTION 6: Accidental Release Measures

Spills: Use personal protective equipment. Ventilate area. Eliminate ignition sources. Contain spilled material and soak up with inert absorbent. Collect for disposal.

Releases to the air: Not applicable

SECTION 7: Handling and Storage

Handling: Avoid personal contact. Use with adequate ventilation. Wash after handling. Material will accumulate static charges, use proper bonding and grounding procedures.

Storage requirements: Keep container closed and upright. Store in a cool, ventilated area. Do not handle or store near heat, sparks, flames, or other ignition sources.

SECTION 8: Exposure Controls and Personal Protection

Protective equipment:*

Eyes: Safety glasses or chemical goggles

Skin: Impervious gloves should be worn to prevent prolonged or repeated skin contact

Respiratory: A NIOSH/MSHA approved air-purifying respirator if exposure limits exceeded

Ventilation: Good general ventilation should be sufficient to control airborne levels. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Additional information: None

*Protective equipment should be determined by conditions of exposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor: Tinted liquid, hydrocarbon odor

Specific gravity (water = 1): 0.83 – 0.95

Boiling point: > 293.0 °F

Melting/freezing point: ND

Percent volatile: 57 - 66% /wt

Vapor pressure: ND

Vapor density (air = 1): > 1.0

Evaporation rate (n-Butyl acetate = 1): ND

pH: NA
Solubility in water: Negligible
VOC: See Chart

SECTION 10: Stability and Reactivity

Stability: Stable

Conditions to avoid: Not applicable

Hazardous polymerization: Not applicable

Conditions to avoid: Not applicable

Incompatibility: Strong oxidizers, strong alkalies

Hazardous decomposition products: CO, CO₂

Unusual hazards: Not applicable

SECTION 11: Toxicological Information

No information available at this time.

SECTION 12: Ecological Information

No information required at this time.

SECTION 13: Disposal Procedures

Material and containers should be disposed in accordance with local, state and federal regulations.

Empty Container Warning: Empty containers retain residue (liquid and/or vapor) and can be dangerous. **Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to clean since residue is difficult to remove. Empty containers should be completely drained and properly disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 14: Transportation Information

DOT Hazard Classification: Not regulated

SECTION 15: Regulatory Information

SARA Title III Section 302 Extremely Hazardous Substances above de minimis level: None

CERCLA Hazardous Substances above de minimis level: None

SARA Title III Section 313 Toxic Chemicals above de minimis level: None

California Proposition 65: WARNING: This product contains chemical(s) known to the State of California to cause cancer.

Benzene 71-43-2
Quartz 14808-60-7
Propylene oxide 75-56-9
Carbon black 1333-86-4

California Proposition 65: WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.

Benzene 71-43-2
Toluene 108-88-3

VOC Data*:

Color	VOC lb/gal	VOC g/l	Color	VOC lb/gal	VOC g/l
American Walnut	4.59	550	Pecan	4.58	549
Antique Cherry	4.58	549	Salem	4.56	547
Candlelight	4.59	550	Spiced Walnut	4.59	550
Danish Teak	4.59	550	Warm Cherry	4.59	550
Honey	4.57	548	White Mist	4.58	549
Honey Maple	4.58	549			
Light Oak	4.59	550			
Mahogany	4.56	547			
Maple	4.58	548			

*Grams (pounds) of VOC per Liter (gallon) of coating, less water and less exempt compounds

SECTION 16: Other Information

Abbreviations:

NA - Not applicable
ND - Not determined

General Finishes believes that the information contained in this MSDS is correct as of this date. However, because the material may be used under conditions over which General Finishes has no control or in ways we cannot anticipate, we give no warranty, expressed or implied, as to the accuracy of the information. General Finishes assumes no responsibility for any damage to person, property or user of this material or to insure that it is properly and safely used.

End of MSDS
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