



Penetrating Stain
WBWoodStain/MW

Material Safety Data Sheet

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Version: 03

Date of Preparation
April 2, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

MINWAX® Water-Based Wood Stain
1801 Vermont Maple 1805 Colonial Pine
1802 English Oak 1806 White Oak
1803 American Walnut 1807 Clear Tint Base
1804 Rosewood

HMIS CODES

Health 1*
Flammability 0
Reactivity 0

MANUFACTURER'S NAME

MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.

(216) 566-2917

INFORMATION TELEPHONE NO.

(800) 523-9299

Section 2 - Composition/Information on Ingredients

% WT.	CAS No.	Ingredient Name	Vapor Pressure
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No ingredients in these products are hazardous as defined by the Department of Labor except for:

6	13463-67-7	Titanium Dioxide (1806, White Oak only)
		ACGIH TLV 10 mg/m3 as Dust
		OSHA PEL 10 mg/m3 Total Dust
		OSHA PEL 5 mg/m3 Respirable Fraction
0-1	1333-86-4	Carbon Black
		ACGIH TLV 3.5 mg/m3
		OSHA PEL 3.5 mg/m3

Section 3 - Hazards Identification

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For Complete Discussion of Toxicology Data Refer to Section 11.

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Section 8 – Exposure Controls/Personal Protection (continued)**VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT	8.55-8.92 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.03-1.07	VAPOR DENSITY	Heavier than Air
BOILING POINT	212-369 °F	MELTING POINT	Not Available
VOLATILE VOLUME	84-86 %	SOLUBILITY IN WATER	Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)			
2.8-3.5 lb/gal	Less Federally Exempt Solvents		
0.6-0.8 lb/gal	Emitted VOC		

Section 10 – Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information**CHRONIC HEALTH HAZARDS**

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

TOXICOLOGY DATA

CAS No.	Ingredient Name			
13463-67-7	Titanium Dioxide			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
1333-86-4	Carbon Black			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

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