Material Safety Data Sheet

Document Code: Wood/MW
Version: 00

Date of Preparation
17-JAN-2000

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® WOOD FINISH®

209	Natural	230	Early American
210B	Golden Oak	235	Cherry
211	Provincial	241	Fruitwood
215	Red Oak	245	Golden Pecan
218	Puritan Pine	260	Pickled Oak
221	Ipswich Pine	2126	Driftwood
223	Colonial Maple	2716	Dark Walnut
224	Special Walnut	2718	Ebony
225	Red Mahogany	2750	Jacobean

HMIS CODES

Health	2*
Flammability	2
Reactivity	0

Rockler SKUs:
31136, 33504, 35093, 36415, 38516, 38603, 57091, 57109, 57125, 57133, 57141, 57158, 57166, 57174, 57182, 57190, 57208, 57224, 57232, 57240, 57257, 57273, 57281, 57307, 57315, 57323, 57331, 57349, 57356, 57364, 57372, 57380, 57398, 57414

PRODUCT CLASS
Alkyd Stain

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

Products were reformulated on 01/01/00. Check manufacturer's date on lid of can.
Products Mfg. **After 01/01/00:**

% WT.	CAS No.	Ingredient Name				
50-56	64742-88-7	**Mineral Spirits.**				
		ACGIH	TLV	TWA	100	PPM
		OSHA	PEL	TWA	100	PPM
4-5	64741-65-7	**Mineral Spirits (Odorless).**				
		ACGIH	TLV	TWA	100	PPM
		OSHA	PEL	TWA	100	PPM
6-9	64742-52-5	**Heavy Naphthenic Petroleum Oil.**				
		ACGIH	TLV	TWA	5	Mg/M3 as Mist
		OSHA	PEL	TWA	5	Mg/M3 as Mist
6-9	64742-53-6	**Highly refined Naphthenic Oil.**				
		ACGIH	TLV	TWA	5	Mg/M3 as Mist
		OSHA	PEL	TWA	5	Mg/M3 as Mist
0-2	14807-96-6	**Talc**				
		ACGIH	TLV	TWA	2	Mg/M3 as Resp. Dust
		OSHA	PEL	TWA	2	Mg/M3 as Resp. Dust
0-4	13463-67-7	**Titanium Dioxide.**				
		ACGIH	TLV	TWA	10	Mg/M3 as Dust
		OSHA	PEL	TWA	10	Mg/M3 as Total Dust
		OSHA	PEL	TWA	5	Mg/M3 as Respirable Fraction
0-0.8	1333-86-4	**Carbon Black.**				
		ACGIH	TLV	TWA	3.5	Mg/M3
		OSHA	PEL	TWA	3.5	Mg/M3

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Products Mfg. **Before 01/01/00:**

% WT.	CAS No.	Ingredient Name				
71-87	**64742-88-7**	**Mineral Spirits.**				
		ACGIH	TLV	TWA	100	PPM
		OSHA	PEL	TWA	100	PPM
0-2	**64741-65-7**	**Mineral Spirits (Odorless).**				
		ACGIH	TLV	TWA	100	PPM
		OSHA	PEL	TWA	100	PPM
0-0.2	**136-52-7**	**Cobalt 2-Ethylhexanoate.**				
		ACGIH	TLV	Not Established		
		OSHA	PEL	Not Established		
0-7	**14807-96-6**	**Talc**				
		ACGIH	TLV	TWA	2	Mg/M3 as Resp. Dust
		OSHA	PEL	TWA	2	Mg/M3 as Resp. Dust
0-6	**13463-67-7**	**Titanium Dioxide.**				
		ACGIH	TLV	TWA	10	Mg/M3 as Dust
		OSHA	PEL	TWA	10	Mg/M3 as Total Dust
		OSHA	PEL	TWA	5	Mg/M3 as Respirable Fraction
0-1	**1333-86-4**	**Carbon Black.**				
		ACGIH	TLV	TWA	3.5	Mg/M3
		OSHA	PEL	TWA	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 respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

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.

Section 4 – First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Get medical attention.

Section 5 – Fire Fighting Measures

FLASH POINT	LEL	UEL
101-110 °F PMCC	1.0	7.0

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 °F

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EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

Section 7 – Handling and Storage

DOL STORAGE CATEGORY

2

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

To minimize the possibility of spontaneous combustion: control the accumulation of overspray; soak wiping rags and waste immediately after use in a water-filled, closed metal container; air dry filters outside, far from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly. Consult OSHA 29 CFR 1910.107(b)(5) and NFPA 33, Chapter 8 (8-9) for the proper procedures.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

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.

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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.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT	6.6-7.2 lb./gal.	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	0.79-0.87	VAPOR DENSITY	Heavier than Air
BOILING POINT	300-412 °F	MELTING POINT	N.A.
VOLATILE VOLUME	62-92 %	SOLUBILITY IN WATER	N.A.

VOC – **Mfg. After 01/01/00** 4.0-4.3 lbs./gal. (less exempt solvents)

VOC – **Mfg. Before 01/01/00** 5.0-5.9 lbs./gal. (less exempt solvents)

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.

Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

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

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

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TOXICOLOGY DATA

CAS No.	Ingredient Name			
64742-88-7	**Mineral Spirits.**			
	LC50	RAT	4HR	>700 PPM
	LD50	RAT		4700 MG/KG
64741-65-7	**Mineral Spirits (Odorless).**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
64742-52-5	**Heavy Naphthenic Petroleum Oil.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
64742-53-6	**Highly refined Naphthenic Oil.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		>5000 MG/KG
136-52-7	**Cobalt 2-Ethylhexanoate.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
14807-96-6	**Talc**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
13463-67-7	**Titanium Dioxide.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		>7500 MG/KG
1333-86-4	**Carbon Black.**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		>15400 MG/KG

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION

No Data Available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 – Transport Information

DOT PROPER SHIPPING DESCRIPTION: Paint and Related Materials, NOIBN

IATA/IMDG SHIPPING DESCRIPTION: Paint, 3, UN1263, PG III, Ltd Qty

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Cobalt Compound.	0-0.2	0-0.04

CALIFORNIA PROPOSITION 65 **(Before and After 01/01/00)**

After 01/01/00 - WARNING: These products, except for 209, contain a chemical known to the State of California to cause cancer.

Before 01/01/00 - WARNING: 215, 221, 223, 224, 225, 230, 235, 241, 245, 260, 2126, 2716 and 2750 contain a chemical known to the State of California to cause cancer. 2718 contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: *Consumer Brands Canada Inc.*
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the products. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.