



Material Safety Data Sheet

Document Code: 1600/MW
Version: 00

Date of Preparation
03-FEB-2000

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® High Performance Wood Filler
1600
(Use with 1700 High Performance Hardener)

HMIS CODES
Health 2*
Flammability 3
Reactivity 2

PRODUCT CLASS
Base component for 2-package Polyester Filler

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				
13	100-42-5	Styrene.				
		ACGIH TLV TWA	20	PPM		
		ACGIH TLV STEL	40	PPM		
		OSHA PEL TWA	100	PPM		
24	14807-96-6	Talc				
		ACGIH TLV TWA	2	Mg/M3 as Resp. Dust		
		OSHA PEL TWA	2	Mg/M3 as Resp. Dust		
30	471-34-1	Calcium Carbonate.				
		ACGIH TLV TWA	10	Mg/M3 as Dust		
		OSHA PEL TWA	15	Mg/M3 as Total Dust		
		OSHA PEL TWA	5	Mg/M3 as Respirable Fraction		

Styrene becomes non-volatile when catalyzed

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.

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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
97 °F PMCC	1.1	6.1

FLAMMABILITY CLASSIFICATION

RED LABEL -- Flammable, Flash below 100 °F

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**

1C

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGEContents are **FLAMMABLE**. Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

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.

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.

This coating 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).

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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.

OTHER PRECAUTIONS

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

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

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT	10.0 lb./gal.	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.20	VAPOR DENSITY	Heavier than Air
BOILING POINT	293-294 °F	MELTING POINT	N.A.
VOLATILE VOLUME	17 %	SOLUBILITY IN WATER	N.A.

Section 10 - Stability and Reactivity**STABILITY**

Stable

CONDITIONS TO AVOID

Elevated temperature.

INCOMPATIBILITY

Contamination with polymerization catalysts such as peroxides and strong acids. Do not put any catalyzed product back into the can of uncatalyzed product.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

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

Styrene is listed by IARC as a possible human carcinogen based on "inadequate evidence" in humans, "limited evidence" in animals, and the fact that it is metabolized to styrene oxide, which has been shown to induce cancer in animals. However, studies of humans exposed for long periods of time to styrene have not demonstrated any carcinogenic effect.

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			
100-42-5	Styrene.			
	LC50	RAT	4HR	Not Available
	LD50	RAT		2650 MG/KG
14807-96-6	Talc			
	LC50	RAT	4HR	Not Available
	LD50	RAT		Not Available
471-34-1	Calcium Carbonate.			
	LC50	RAT	4HR	Not Available
	LD50	RAT		6450 MG/KG

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION

No Data Available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product 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, 3, UN1263, PG III, Ltd Qty

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

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT
100-42-5	Styrene.	13

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA CERTIFICATION

All chemicals in this product 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: This product has 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 this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. 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.