Material Safety Data Sheet

Document Code: 21600/MW
Version: 06

Date of Preparation
January 30, 2006

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® High Performance Wood Filler (Part A)
21600/41600
(MSDS for Part B Hardener is also attached)

HMIS CODES
Health 2*
Flammability 3
Reactivity 2

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
13	**100-42-5**	**Styrene**				
		ACGIH	TLV	20	ppm	4.3 mm
		ACGIH	TLV	40	ppm STEL	
		OSHA	PEL	100	ppm	
		OSHA	PEL	215	ppm CEILING	
24	**14807-96-6**	**Talc**				
		ACGIH	TLV	2	mg/m3 as Resp. Dust	
		OSHA	PEL	2	mg/m3 as Resp. Dust	
30	**471-34-1**	**Calcium Carbonate**				
		ACGIH	TLV	10	mg/m3 as Dust	
		OSHA	PEL	15	Total Dust	
		OSHA	PEL	5	mg/m3 Respirable Fraction	

Note: Styrene becomes non-volatile when catalyzed

Section 3 – Hazards Identification

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper 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.

- Continued -

Section 4 – First Aid Measures

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

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

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 the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class IC

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents 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 contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This product 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).

- Continued -

Section 8 – Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD(in US) or contact your local health authority.

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	10.00 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.20	VAPOR DENSITY	Heavier than Air
BOILING POINT	293-294 °F	MELTING POINT	Not Available
VOLATILE VOLUME	17 %	SOLUBILITY IN WATER	Not Available

Section 10 – Stability and Reactivity

STABILITY – This product should be stored in a cool area (below 90 °F) away from sources of heat.

CONDITIONS TO AVOID – Storage temperature above 90 °F.

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.

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Section 11 – Toxicological Information (continued)

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

TOXICOLOGY DATA

CAS No.	Ingredient Name			
100-42-5	**Styrene**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		5000 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		Not Available

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/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

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

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

NOTE: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (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.

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Material Safety Data Sheet

Document Code: 21600/MW
Version: 06

Date of Preparation
January 30, 2006

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
Hardener for 21600/41600 High Performance Wood Filler (Part B)

HMIS CODES
Health 2
Flammability 2
Reactivity 2

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
50	94-36-0	**Benzoyl Peroxide**				
		ACGIH	TLV	5	mg/m3	
		OSHA	PEL	5	mg/m3	

Section 3 – Hazards Identification

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper 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

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

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

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

INGESTION: Do not induce vomiting. Get medical attention immediately.

- Continued -

Section 5 – Fire Fighting Measures

FLASH POINT	LEL	UEL
184 °F PMCC	N.A.	N.A.

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

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 the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class IIIA

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.

This product must be stored in a cool area (below 90 °F) away from sources of heat.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. 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).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD(in US) or contact your local health authority.

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.

- Continued -

Section 8 – Exposure Controls/Personal Protection (continued)

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	212-698 °F	MELTING POINT	Not Available
VOLATILE VOLUME	10-20 %	SOLUBILITY IN WATER	Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

Maximum 2.8 lb/gal Less Federally Exempt Solvents

Section 10 – Stability and Reactivity

STABILITY – This product should be stored in a cool area (below 90 °F) away from sources of heat.

CONDITIONS TO AVOID – Storage temperature above 90 °F.

INCOMPATIBILITY – Incompatible with acids, alkalis, oxidizers, reducing agents, metal salt. 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

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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

TOXICOLOGY DATA

CAS No.	Ingredient Name			
94-36-0	**Benzoyl Peroxide**			
	LC50	RAT	4HR	Not Available
	LD50	RAT		7710 mg/kg

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

- Continued -

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from unreacted hardener may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261 because it exhibits reactivity characteristics.

Waste from reacted hardener is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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

Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
94-36-0	Benzoyl Peroxide	50	

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

NOTE: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (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.