



Minwax Company, Inc.  
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Montvale, New Jersey 07645

000684

SEE HAZARD RATING DEFINITIONS PAGE 4

HAZARD RATING	Fire	Reactivity
4 = EXTREME		Special
3 = HIGH		
2 = MODERATE		
1 = SLIGHT		
0 = INSIGNIFICANT	Toxicity	
* = CHRONIC HEALTH HAZARD - SEE SECTION V		

DATE OF PREP  
12/9/86

**MATERIAL SAFETY DATA SHEET**

EMERGENCY PHONE NO  
DAY: (201) 391-0253  
NIGHT: (201) 573-5700

**SECTION I - IDENTIFICATION**

<b>PRODUCT NAME</b>		WOOD FINISH Natural #209 by MINWAX	
<b>PRODUCT CLASS</b>		Interior Wood Finish	
<b>CODE NUMBER</b>		0 27426 12090	<b>UN No.</b> UN 1263
<b>DOT</b>	<b>HAZARD CLASS (49CFR 172.101)</b>	Combustible Liquid	
	<b>PROPER SHIPPING NAME (49CFR 172.101)</b>	Paint, Stain or Varnish	

**SECTION II - INGREDIENTS**

PAINTS, PRESERVATIVES, SOLVENTS OR OTHER LIQUIDS, SOLIDS AND GASES	%	TLV (Units)
PIGMENTS		
CATALYST		
VEHICLE	19.0	NONE
SOLVENTS Mineral Spirits (Stoddard Solvent) CAS #8052-41-3	80.0	500 PPM
ADDITIVES	1.0	NONE
OTHERS		

**SECTION III - PHYSICAL DATA**

<b>APPEARANCE</b> Clear Liquid Mild Hydrocarbon Odor	<b>VAPOR DENSITY: HEAVIER/LIGHTER THAN AIR</b> (Air = 1)	4.8
<b>SOLUBILITY IN WATER</b> NIL	<b>VAPOR PRESSURE</b> (mm Hg.)	5 mm
<b>BOILING POINT (°F)</b> 313°F	<b>EVAPORATION RATE</b> (Butyl Acetate = 1)	0.09
	<b>PERCENT VOLATILE BY VOLUME (%)</b>	82%
	<b>WEIGHT PER GALLON</b>	6.6#

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# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME** WOOD FINISH Natural #209 by MINWAX

## SECTION VI - REACTIVITY DATA

<b>STABILITY</b>	<b>UNSTABLE</b>	<b>CONDITIONS TO AVOID</b>
	X	NONE
	<b>STABLE</b>	

**INCOMPATIBILITY (Materials to avoid)**  
Strong Oxidizing Agents

**HAZARDOUS DECOMPOSITION PRODUCTS**  
Incomplete combustion produces carbon monoxide, carbon dioxide and unidentified organic compounds.

<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>	<b>CONDITIONS TO AVOID</b>
	X	NONE
	<b>WILL NOT OCCUR</b>	

## SECTION VII - SPILL OR LEAK PROCEDURES

**RCHA HAZARDOUS WASTE CLASSIFICATION** Ignitable **NUMBER** D 001

**CERCLA (SUPER FUND) REPORTABLE QUANTITY (RQ#)** NONE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
Provide adequate ventilation. Remove ignition sources from spill area. Utilize sand, rags, paper, vermiculite, floor absorbent, or other absorbent material and place in leak-proof drums for disposal. Use protective equipment per Section VIII.

**WASTE DISPOSAL METHOD**  
In accordance with local, state and federal regulations. Incineration is preferred or by burying in an approved landfill. KEEP OUT OF SURFACE WATERS AND ANY WATER COURSES OR SEWERS ENTERING OR LEADING TO SURFACE WATERS.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION**  
If adequate ventilation cannot be maintained, use respiratory protection (NIOSH/MSHA TC 23C or equivalent). Use a full face or half-mask air purifying respirator with organic vapor cartridge to prevent overexposure.

**VENTILATION**  
Provide a constant flow of fresh air to meet TLV requirements. Open windows and doors or use other means to permit fresh air entry during application and drying.

<b>PROTECTIVE GLOVES</b> Use rubber, neoprene or vitron gloves.	<b>EYE PROTECTION</b> Safety glasses or chemical goggles or a face shield.
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**OTHER PROTECTIVE EQUIPMENT**  
The selected items such as aprons, boots, arm guards or full-body suit will depend on operation. Have eye bath and safety shower nearby during use.

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASHPOINT**

105°F

**FLAMMABLE LIMITS**

LEL

0.9

UEL

6.0

**EXTINGUISHING MEDIA**

Carbon Dioxide, Dry Chemical, Alcohol Foam and Water Fog.

**AUTOIGNITION TEMPERATURE**

450°F

**SPECIAL FIRE FIGHTING PROCEDURES**

Use self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode. Water is not normally an effective extinguishing agent.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

When burning, this product gives off toxic by-products (such as Carbon Monoxide), therefore, the breathing of fumes, smoke and gasses given off during burning should be avoided.

## SECTION V - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE**Mineral Spirits  
(Stoddard Solvent)OSHA TLV/TWA 500 PPM  
ACGIH TLV/TWA 100 PPM**EFFECTS OF OVEREXPOSURE - ROUTES OF EXPOSURE****INGESTION:**

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of liquid into the lungs can cause chemical pneumonitis which can be fatal.

**SKIN CONTACT:**

Can cause defatting and drying of the skin which may result in skin irritation and dermatitis.

**EYE CONTACT:**

Can cause severe irritation, redness, tearing or blurred vision.

**INHALATION:**

Can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, nervous irritability, possible unconsciousness and asphyxiation.

No carcinogen report.

**EMERGENCY AND FIRST AID PROCEDURES****If swallowed:**

Do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. Keep patient warm and quiet. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis which can be fatal.

**For skin contact:**

Wash thoroughly with soap and plenty of water. If irritation persists get medical attention.

**In case of eye contact:**

Flush with plenty of water.

**If affected by inhalation:**

Remove to fresh air. Maintain respiration as necessary and CALL PHYSICIAN.

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## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not use or store near heat, sparks, open flame or other sources of ignition. Close container after each use. Store only in original container. Wash with soap and plenty of water before eating, drinking, smoking or using toilet facilities. Avoid spontaneous combustion of contaminated rags and other easily ignitable organic accumulations by immediate immersion in water. Empty containers may retain residues of product. Do not cut, puncture or weld on or near the container.

### OTHER PRECAUTIONS

Avoid inhalation and use only with adequate ventilation. If employee experiences eye watering, headaches or dizziness, increase fresh air and leave area. Remove contaminated clothing immediately and launder before reuse. Do not take internally. Have eye bath and safety shower in area during use.

### KEEP OUT OF REACH OF CHILDREN

### N.F.P.A. HAZARD RATING DEFINITIONS

Minwax Company Inc. has provided hazard ratings solely as a convenience to its customers. However, since hazard ratings require subjective determinations, Minwax Company Inc. shall have no legal responsibility for the accuracy or significance of hazard ratings assigned or the use or reliance thereon.

### HEALTH HAZARD RATING CHART

0	<b>INSIGNIFICANT</b>	no significant risk to health
1	<b>SLIGHT</b>	irritation or minor reversible injury possible
2	<b>MODERATE</b>	temporary or minor injury may occur
3	<b>HIGH</b>	major injury likely unless prompt action is taken and medical treatment is given
4	<b>EXTREME</b>	life threatening major or permanent damage may result from single or repeated exposures.

### FLAMMABILITY HAZARD RATING CHART

0	<b>INSIGNIFICANT</b>	materials which are normally stable and will not burn unless heated
1	<b>SLIGHT</b>	materials that must be preheated before ignition will occur. Flammable liquids in this category will have flash points (the lowest temperature at which ignition will occur) at or above 200°F (NFPA Class 111B).
2	<b>MODERATE</b>	materials which must be moderately heated before ignition will occur, including flammable liquids with flash points at or above 100°F and below 200°F. (NFPA Class II and Class IIIA).
3	<b>HIGH</b>	materials capable of ignition under almost all normal temperature conditions, including flammable liquids with flash points below 73°F and boiling points above 100°F as well with flash points between 73°F and 100°F (NFPA Classes 1B and 1C).
4	<b>EXTREME</b>	very flammable gases or very volatile flammable liquids with flash points below 73°F and boiling points below 100°F (NFPA Class 1A).

### REACTIVITY HAZARD RATING CHART

0	<b>INSIGNIFICANT</b>	materials which are normally stable, even under fire conditions, and which will not react with water.
1	<b>SLIGHT</b>	materials which are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but will not release energy violently.
2	<b>MODERATE</b>	materials which in themselves are normally stable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.
3	<b>HIGH</b>	materials which are capable of detonation or explosive reaction, but require a strong initiating source, or must be heated under confinement before initiation, or materials which react explosively with water.
4	<b>EXTREME</b>	these materials are readily capable of detonation or explosive decomposition at normal temperatures and pressures.