

MINWAX -- POLYURETHANE CLEAR GLOSS FINISH  
MATERIAL SAFETY DATA SHEET  
NSN: 801000N036567  
Manufacturer's CAGE: 0K1A4  
Part No. Indicator: A  
Part Number/Trade Name: POLYURETHANE CLEAR GLOSS FINISH

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General Information  
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Company's Name: MINWAX CO INC  
Company's Street: 15 MERCEDES DR  
Company's City: MONTVALE  
Company's State: NJ  
Company's Country: US  
Company's Zip Code: 07645  
Company's Emerg Ph #: 800-424-9300(CHEMTREC)  
Company's Info Ph #: 201-391-0253;201-573-5700  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 06FEB92  
Safety Data Review Date: 23NOV92  
MSDS Serial Number: BQPVH  
Hazard Characteristic Code: F4

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: STODDARD SOLVENT; (MINERAL SPIRITS)  
Ingredient Sequence Number: 01  
Percent: 53-54  
NIOSH (RTECS) Number: WJ8925000  
CAS Number: 8052-41-3  
OSHA PEL: 500 PPM  
ACGIH TLV: 100 PPM; 9293

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Proprietary: NO  
Ingredient: VEHICLE (TYPE NOT SPECIFIED)  
Ingredient Sequence Number: 02  
NIOSH (RTECS) Number: 1000268VE  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: ADDITIVES  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: 1005447AD  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: SUPP DATA: CONTAMINATED CLOTHING IMMEDIATELY AND LAUNDER  
BEFORE REUSE. DO NOT TAKE INTERNALLY.  
Ingredient Sequence Number: 04  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics  
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Appearance And Odor: CLEAR AMBER LIQUID, MILD HYDROCARBON ODOR.  
Boiling Point: 313F,156C  
Melting Point: N/A  
Vapor Pressure (MM Hg/70 F): 2.00  
Vapor Density (Air=1): 4.8  
Specific Gravity: SUPP DATA  
Evaporation Rate And Ref: 0.09 (BUTYL ACETATE=1)  
Solubility In Water: NIL  
Percent Volatiles By Volume: 57.1  
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Fire and Explosion Hazard Data  
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Flash Point: 105F,41C  
Flash Point Method: PMCC  
Lower Explosive Limit: 0.9%  
Upper Explosive Limit: 6%  
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM AND WATER FOG.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). WATER IS NOT NORM AN EFT EXTING AGENT. WHEN BURNING PROD GIVES OFF TOX BY PRODS SUCH AS, CARBON (SUPDAT)  
Unusual Fire And Expl Hazrds: NONE.  
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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): NONE.  
Materials To Avoid: STRONG OXIDIZING AGENTS.  
Hazardous Decomp Products: INCOMPLETE COMBUSTION PRODUCES CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT.  
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Health Hazard Data  
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. SKIN: CAN CAUSE DEFATTING AND DRYING OF SKIN, WHICH MAY RSLT IN SKIN IRRITATION AND DERMATITIS. EYE: CAN CAN CAUSE NASAL AND RESPIRATORY IRRITATION, (EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT.  
Signs/Symptoms Of Overexp: HLTH HAZ: DIZZINESS, FATIGUE, NAUSEA, HEADACHE, NERVOUS IRRITABILITY, UNCONSCIOUSNESS AND ASPHYXIATION.  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYE: REMOVE CONT LENS IF PRESENT; FLUSH W/ PLENTY OF WATER FOR AT LST 15 MINS AND GET MED ATTN. SKIN: WASH THORO W/ SOAP & PLENTY OF WATER. IF IRRIT PERSISTS GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. CALL PHYS IMMED. KEEP PATIENT WARM & QUIET. INHAL: REMOVE TO

FRESH AIR. MAINTAIN RESP AS NEC AND CALL PHYS. NOTES TO PHYS: ASPIR OF MATL INTO LUNGS DUE TO VOMIT CAN CAUSE CHEM PNEUM WHICH CAN BE FATAL.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PROVIDE ADEQUATE VENTILATION. REMOVE IGNITION SOURCES FROM SPILL AREA. UTILIZE SAND, RAGS, PAPER, VEMICULITE, FLOOR ABSORBENT, MATERIAL AND PLACE IN LEAK-PROOF DRUMS FOR DISPOSAL. USE PROTECTIVE EQUIPMENT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS PREFERRED.

Precautions-Handling/Storing: DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAMES OR OTHER SOURCES OF IGNITION. CLOSE CONTAINER AFTER EACH USE. STORE ONLY IN ORIGINAL CONTAINER.

Other Precautions: WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILING FACILITIES. AVOID SPONT COMBUST OF CONTAMD RAGS & OTHER EASILY IGNITABLE ORG ACCUMULATIONS BY IMMED IMMERSION IN WATER. EMPTY CNTNRS MAY RETAIN RESIDUES OF PROD; (SUPDAT)

Control Measures

Respiratory Protection: IF ADEQUATE VENTILATION CANNOT BE MAINTAINED, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION (TC 23C OR EQUIVALENT).

Ventilation: PROVIDE CONSTANT FLOW OF FRESH AIR TO MEET TLV REQS. OPEN WINDOWS & DOORS TO PERMIT FRESH AIR ENTRY DURING APPLICATION.

Protective Gloves: RUBBER, NEOPRENE OR VITRON GLOVES.

Eye Protection: CHEM WORK GOG/FULL LGTH FACESHLD (FP N).

Other Protective Equipment: HAVE EYE BATH AND SAFETY SHOWER NEARBY DURING USE.

Work Hygienic Practices: WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Suppl. Safety & Health Data: SPEC GRAV: 0.854-.864 (H\*20=1). FIRE FIGHT PROC: MONOXIDE, THEREFORE, BRTHG OF SMOKE & GASES GIVEN OFF DURING BURNING SHOULD BE AVOIDED. OTHER PREC: DO NOT CUT, PUNCTURE/WELD ON/NEAR CNTNRS. AVOID INHAL & USE ONLY W/ADEQ VENT. IF EMPLOYEE EXPERIENCES EYE WATERING, HDCHS/DIZZ, INCR FRESH AIR & LEAVE AREA. REMOVE (ING 4)

Transportation Data

Trans Data Review Date: 93140

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 23NOV92  
Label Date: 19NOV92  
Label Status: G  
Common Name: POLYURETHANE CLEAR GLOSS FINISH

Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Moderate: X  
Fire Hazard-Moderate: X  
Reactivity Hazard-None: X

Special Hazard Precautions: COMBUSTIBLE. DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAMES OR OTHER SOURCES OF IGNITION. ACUTE: INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. SKIN: CAN CAUSE DEFATTING AND DRYING OF SKIN, WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. EYE: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING OR BLURRED VISION. INHALATION: CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, FATIGUE, NAUSEA, HEADACHE, NERVOUS IRRITABILITY, UNCONSCIOUSNESS AND ASPHYXIATION. CHRONIC: NONE LISTED BY MANUFACTURER.

Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y

Label Name: MINWAX CO INC  
Label Street: 15 MERCEDES DR  
Label City: MONTVALE  
Label State: NJ  
Label Zip Code: 07645  
Label Country: US  
Label Emergency Number: 800-424-9300(CHEMTREC)

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