MINWAX CO INC -- HELMSMAN SPAR URETHANE SEMI GLOSS, 63210-3 -- 8010-00N034181

======================  Product Identification  =======================

Product ID: HELMSMAN SPAR URETHANE SEMI GLOSS, 63210-3
MSDS Date: 08/26/1991
FSC: 8010
NIIN: 00N034181
MSDS Number: BPXJV

=== Responsible Party ===
Company Name: MINWAX CO INC
Address: 15 MERCEDES DRIVE
City: MONTVALE
State: NJ
ZIP: 07645
Country: US
Info Phone Num: 201-391-0253; 201-578-5700
Emergency Phone Num: 201-391-0253; 800-424-9300 (CHEMTREC)
CAGE: HO333

=== Contractor Identification ===
Company Name: MINWAX CO INC
Address: 15 MERCEDES DR
Box: City: MONTVALE
State: NJ
ZIP: 07645
Country: US
Phone: 201-391-0253
CAGE: HO333
Company Name: MINWAX COMPANY
Address: 10 MOUNTAINVIEW ROAD
Box: City: UPPER SADDLE RIVER
State: NJ
ZIP: 07458
Country: US
Phone: 800-523-9299/216-566-2917
CAGE: 0K1A4

=============  Composition/Information on Ingredients  =============

Ingred Name: STODDARD SOLVENT
CAS: 8052-41-3
RTECS #: WJ8925000
Fraction by Wt: 48.5%
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM; 9293

Ingred Name: VEHICLE
Fraction by Wt: 46.9%

Ingred Name: ADDITIVES
CAS: 24937-78-8
Fraction by Wt: 1.6%

Ingred Name: PIGMENTS
Fraction by Wt: 3%
Ingred Name: SUPP DATA: HEADACHES OR DIZZINESS, INCREASE FRESH AIR & LEAVE AREA. REMOVE CONTAM CLTHG IMMED & LAUNDER BEFORE (ING 6)
RTECS #: 9999999ZZ

Ingred Name: ING 5: REUSE. DO NOT TAKE INTERNALLY.
RTECS #: 9999999ZZ

================================= Hazards Identification ======================

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: INGEST: CAN CAUSE GI IRRIT, NAUSEA, VOMITING & DIARRHEA. SKIN: CAN CAUSE DEFATTING & DRYING OF THE SKIN; WHICH MAY RESULT IN SKIN IRRIT & DERMATITIS. EYE: CAN CAUSE SEVERE IRRIT, REDNESS, TEARING OR B LURRED VISION. INHAL: CAN CAUSE NASAL & RESP IRRIT, DIZZINESS, FATIGUE, NAUSEA, HEADACHE, NERVOUS (EPTS OF OVEREXP)
Explanation of Carcinogenicity: NOT RELEVANT
Effects of Overexposure: HLTH HAZ: IRRITABILITY, UNCONSCIOUSNESS AND ASPHYXIATION.
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

================================ First Aid Measures ==========================

First Aid: EYE: REMOVE CNTCT LENS IF PRESENT; FLUSH W/PLENTY OF H*2O FOR @ LST 15 MIN. SKIN: WASH THORO W/SOAP & PLENTY OF H*2O, IF IRRIT PERSISTS GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. CALL MD IMMED. KEEP PATIENT WARM & QUIET. INHAL: REMOVE TO FRESH AIR. MAINTAIN RESP AS NEC & CALL MD. NOTE TO MD: IF SWALLOWED: ASPIR OF MATL INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

================================ Fire Fighting Measures ======================

Flash Point Method: PMCC
Flash Point: 105F, 41C
Lower Limits: 0.9%
Upper Limits: 6%
Extinguishing Media: CO*2, DRY CHEMICAL, ALCOHOL FOAM AND WATER FOG.
Fire Fighting Procedures: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. H*2O IS NOT NORMALLY AN EFTIVE EXTING AGENT. WHEN BURNING THIS PROD GIVE OFF TOXIC BY-PRODUCTS (SUPP DATA)
Unusual Fire/Explosion Hazard: NONE

================================ Accidental Release Measures =================

Spill Release Procedures: PROVIDE ADEQUATE VENTILATION. REMOVE IGNITION SOURCES FROM SPILL AREA. UTILIZE SAND, RAGS, PAPER, VERMICULITE, FLOOR ABSORBENT, MATERIAL AND PLACE IN LEAK-PROOF DRUMS FROM DISPOSAL. USE PROTECTIVE EQUIPMENT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

================================ Handling and Storage ==========================

Handling and Storage Precautions: KEEP OUT OF REACH OF SURFACE WATERS AND ANY WATER COURSES OR SEWERS ENTERING OR LEADING TO SURFACE
WATERS.
Other Precautions: DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAMES/OTHER SOURCES OF IGNIT. CLOSE CNTNR AFTER EACH USE. STORE ONLY IN ORIGINAL CONTAINER. AVOID SPONTANEOUS COMBUST OF CONTAM RAGS & OTHER EASILY IGNITABLE ORGANIC ACCUMULATIONS (SUPP DATA)

============= Exposure Controls/Personal Protection =============
Respiratory Protection: IF ADEQUATE VENTILATION CANNOT BE MAINTAINED, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION. (NIOSH/MSHA TC 23C OR EQUIVALENT).
Ventilation: PROVIDE CONSTANT FLOW OF FRESH AIR TO MEET TLV REQUIREMENTS. OPEN WINDOW & DOORS TO PERMIT FRESH AIR ENTRY DURING APPLIC.
Protective Gloves: RUBBER, NEOPRENE/VITON GLOVES
Eye Protection: CHEMICAL WORKERS GOGGLES
Other Protective Equipment: HAVE EYE BATH & SAFETY SHOWER NEAR-BY DURING USE.
Work Hygienic Practices: WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
FIRE FIGHT PROC: SUCH AS CO, THEREFORE, THE BRTGH OF SMOKE AND GASES GIVEN OFF DURING BURNING SHOULD BE AVOIDED. OTHER PREC: BY IMMED IMMERSION IN H*2O. EMPTY CNTNRS MAY RETAIN RESIDUES OF PROD; DO NOT CUT, PUNCTURE/WELD ON/NEAR CNTNR. AVOID INHAL & USE ONLY W/ADEQ VENT. IF EMPLOYEE EXPERIENCES EYE WATERING, (ING 5)

============= Physical/Chemical Properties ==============
HCC: F4
Boiling Pt: B.P. Text: 313F, 156C
Vapor Pres: 2
Vapor Density: 4.8
Spec Gravity: 0.902 (H*2O=1)
Evaporation Rate & Reference: 0.09 (BUTYL ACETATE=1)
Solubility in Water: NIL
Appearance and Odor: OPAQUE AMBER LIQUID - MILD HYDROCARBON ODOR.
Percent Volatiles by Volume: 57.5

============= Stability and Reactivity Data ==============
Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: NONE
Hazardous Decomposition Products: INCOMPLETE COMBUSTION PRODUCES CO, CO*2 AND UNIDENTIFIED ORGANIC COMPOUNDS.

============= Disposal Considerations ==============
Waste Disposal Methods: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS PREFERRED.

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