

MATERIAL SAFETY DATA SHEET  
OSHA FORM 174

PRODUCT NAME: AWNING ARMOR  
PRODUCT CODE: 2052  
HMIS CODES: H - 0 F - 0 R - 0 P - B  
(HEALTH - FIRE - REACTIVITY - PERSONAL PROTECTION)  
HMIS RATING: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS,  
4=SEVERE

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: WINSOL LABORATORIES INC.  
ADDRESS: 1417 N.W.51 ST. SEATTLE, WA. 98107  
EMERGENCY PHONE: 206/782-5500  
DATE PREPARED: 6-01-89 NAME OF PREPARER: WINSOL LABORATORIES,  
INC.  
REVISED: 01-01-09

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS WEIGHT COMPONENTS PRESS	CAS # %	OSHA PEL	ACGIH TLV	OTHER	VAPOR
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NONE

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

SARA TITLE III / SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT  
TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE  
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF  
1986 AND OF 40 CFR 372:

CAS: # NAME NONE	CHEMICAL PERCENT BY WEIGHT
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BOILING POINT: NA  
.99  
VAPOR DENSITY: NA      EVAPORATION RATE: <1  
V.O.C.: NA      (ETHER=1)  
SOLUBILITY IN WATER: MISCIBLE  
APPEARANCE AND ODOR: WHITE, NONE

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

AWNING ARMOR IS CONSIDERED NON-FLAMMABLE  
FLASH POINT: NA  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: NA UPPER: NA  
EXTINGUISHING MEDIA: WATER  
SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BEACHING  
APPARATUS WITH A FULL FACE PIECE OPERATED IN A PRESSURE  
DEMAND OR OTHER POSITIVE PRESSURE MODE.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

#### SECTION V - REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS, ACIDS  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

#### SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: NA  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF  
EXPOSURE:  
EYE: MAY CAUSE EYE IRRITATION.  
SKIN: PROLONGED OR REPEATED AND CONFINED EXPOSURE MAY  
CAUSE SKIN IRRITATION.  
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: A  
SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE  
MATERIAL BEING ABSORBED THROUGH THE SKIN IN A HARMFUL  
AMOUNT. THE DERMAL LD50 HAS NOT BEEN DETERMINED.

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## SECTION VI - HEALTH HAZARD DATA CONT.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:  
SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA,  
AND DIARRHEA.

CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A  
CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE  
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE  
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.

NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO  
EMERGENCY AND FIRST AID PROCEDURES:

EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND  
CONTINUOUSLY FOR 15 MINUTES. CONSULT MEDICAL PERSONNEL.

SKIN: WASH OFF IN FLOWING WATER OR SHOWER. REMOVE  
CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

INGESTION: DOES NOT INDUCE VOMITING. CALL PHYSICIAN

INHALATION : REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH  
TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE  
OXYGEN. CALL A PHYSICIAN.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR  
ABSORBENT OR OTHER ABSORBENT MATERIAL AND TRANSFER TO  
LABELED CONTAINERS.

LARGE SPILL: STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT  
SPREADING, PUMP LIQUID INTO SALVAGE TANK. REMAINING LIQUID  
MAY BE TAKEN UP ON SAND, CLAY, and FLOOR ABSORBENT OR OTHER  
ABSORBENT MATERIAL AND SHOVELED INTO LABELED CONTAINERS.

WASTE DISPOSAL METHOD: REVIEW FEDERAL, PROVINCIAL AND  
LOCAL GOVERNMENT REQUIREMENTS PRIOR TO DISPOSAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: EXERCISE  
REASONABLE CARE AND CAUTION. DO NOT FREEZE.

OTHER PRECAUTIONS: CONTAINERS OF THIS MATERIAL MAY BE  
HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN  
PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLIDS), ALL HAZARD  
PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: IF TVL OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITION.

VENTILATION: PROVIDE GENERAL OR MECHANICAL VENTILATION OR LOCAL EXHAUST TO KEEP VAPOR CONCENTRATIONS BELOW TLV OF MATERIALS IN SECTION II AND LEL IN SECTION IV.

PROTECTIVE GLOVES: USE IMPERMEABLE GLOVES TO PREVENT PROLONGED SKIN CONTACT.

EYE PROTECTION: USE SAFETY EYEWEAR DESIGNED TO PROTECT EYES AGAINST LIQUID SPLASH AND MISTS. CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: USE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. USE HEAD CAPS, BOOTS, CHEMICAL APRONS WHEN NECESSARY.

WORK/HYGIENIC PRACTICES: EYEWASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED. WASH HANDS AFTER USING. MONITOR EXPOSURE LEVELS.

## SECTION IX - DISCLAIMER

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REVISED

01-01-09 - UPDATE

