



MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER

EMERGENCY TELEPHONE

LAGUNA HILLS CA 92653

PRODUCTS CORPORATION

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THIS SHEET BE MADE AVAILABLE TO YOUR WORKERS.

INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY

NAME: ARMOR ALL AUTOMOTIVE LIQUID WAX
TYPE: LIQUID
APPLICATION: AUTOMOTIVE WAX

23-JUL-90

SIGNAL WORD

THIS MATERIAL IS A "HEALTH HAZARD" AND/OR A "PHYSICAL HAZARD" AS DETERMINED WHEN REVIEWED ACCORDING TO THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 29 CFR PART 1910.1200 "HAZARD COMMUNICATION" STANDARD.

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

MINERAL SPIRITS
ACGIH TLV: 100 MG/M3
OSHA PEL: 350 PPM
NIOSH: 350 MG/M3
STODDARD SOLVENT
ACGIH TLV: 100 MG/M3
OSHA PEL: 500 PPM

HEADACHE IN CONFINED PLACES.
CARCINOGENICITY: N.D.
NTP - NO
IARC MONOGRAPHS: NONE
SIGNS AND SYMPTOMS OF OVER EXPOSURE: EYE IRRITATION, BLURRED VISION, HEADACHES, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING AND DIARRHEA.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING OCULAR, DERMAL OR RESPIRATORY CONDITIONS.

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 194 DEG. F--(90 DEG. C)
SPECIFIC GRAVITY (H2O = 1) .99
VAPOR PRESSURE (MM HG.) 8
MELTING POINT -40 DEG. F-- -40 DEG. C
VAPOR DENSITY (AIR = 1) 10.5
EVAPORATION RATE (BUTYL ACETATE = 1) <1
SOLUBILITY IN WATER INSOLUBLE
APPEARANCE AND ODOR GREY VISCOUS LIQUID, PETROLEUM DISTILLATE ODOR

EMERGENCY AND FIRST AID PROCEDURES

SKIN: WASH WITH PLENTY OF WATER FOR 15 MINUTES.
EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.
INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING. KEEP SUBJECT WARM AND QUIETLY OBTAIN MEDICAL ATTENTION. IF AFFECTED MOVE SUBJECT TO WELL VENTILATED AREA. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 150 DEG. F (TAG OPEN CUP)
FLAMMABLE LIMITS - NOT DETERMINED
LEL: N.D. UEL: N.D.
EXTINGUISHING MEDIA - REGULAR FOAM OR CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.
UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR. MAY TRAVEL ALONG GROUND. A RESIDUE CAN IGNITE BY HEAT OR PILOT FLAME.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED. USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE AND/OR DISPOSAL. REMOVE ALL SOURCES OF IGNITION AND WEAR PROTECTIVE EQUIPMENT.

REACTIVITY DATA

NORMALLY STABLE
CONDITIONS TO AVOID: TEMPERATURE ABOVE 90 DEG. C MINERAL SPIRITS VOLATIZE OR ABOVE 150 DEG. F (TOC) IGNITE
INCOMPATIBILITY (MATERIALS TO AVOID) - N.A.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: METAL OXIDES, SILICON DIOXIDE, CARBON DIOXIDE AND TRACES OF INCOMPLETELY OXIDEIZED CARBON.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NO CONDITION OTHER THAN EXCESSIVE HEAT.

WASTE DISPOSAL METHOD

IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS THAT APPLY.

STORAGE PRECAUTIONS

SKIN: AVOID OR MINIMIZE SKIN CONTACT.
EYES: AVOID CONTAMINATING EYES.
INHALATION: DO NOT BREATHE VAPORS FOR PROLONGED PERIODS. REMOVE FROM SKIN AND FLUSH EYES WITH WATER AFTER CONTACT.

HEALTH HAZARD DATA

INHALATION: AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. SKIN: AVOID PROLONGED OR REPEATED CONTACT WITH OPEN SORES. INGESTION: AVOID PROLONGED OR REPEATED CONTACT (ACUTE AND CHRONIC) CLASSIFIED AS MINIMALLY IRRITATING FOR WASHED EYES PER DRAIZE ARE IRRITANT TEST. REPEATED REPEATED CONTACT CAN CAUSE DERMATITIS. CLASSIFIED AS NON-TOXIC VIA DERMAL AND ORAL ROUTES PER ACUTE ORAL AND DERMAL TESTS. INHALATION CAN CAUSE RESPIRATORY IRRITATION, NAUSEA,

CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) NOT REQUIRED FOR GENERAL USE.
VENTILATION: USE LOCAL EXHAUST
SPECIAL / MECHANICAL (GENERAL) - NONE
WEAR RUBBER GLOVES AS RECOMMENDED TO PREVENT SKIN CONTACT.
EYE PROTECTION: NOT REQUIRED
WASH HANDS WITH SOAP AND WATER AFTER USING.

DOT CLASSIFICATION

NOT REGULATED.

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