

M A T E R I A L S A F E T Y D A T A S H E E T

SPRAYLAQ 680A CLEAR ALL GLOSSES

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PRODUCT NAME: SPRAYLAQ 680A CLEAR ALL GLOSSES
PRODUCT CODE: 4600A - AEROSOL-MSD

HMIS CODES: H F R P
2 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: WOOD KOTE PRODUCTS INC.
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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), and WEIGHT PERCENT. Lists various chemical components like Nitrocellulose, Xylene, Isopropanol, etc., with their respective CAS numbers and physical properties.

* INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: PROPELLANT < O F
VAPOR DENSITY: HEAVIER THAN AIR
COATING V.O.C.: 80% MAX VOC
SOLUBILITY IN WATER: NONE
APPEARANCE AND ODOR: TRANSLUCENT, TYPICAL LACQUER SOLVENT ODOR.
SPECIFIC GRAVITY (H2O=1): 0.91
EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: 80% MAX VOC

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===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA**=====

FLASH POINT: PROPELLANT <0 F **METHOD USED:**
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .5 **UPPER:** 11.2
FLASH POINT: 1 F **METHOD USED:** TCC

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS. DANGER: EXTREMELY FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL GEAR, INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER. WHEN HEATED ABOVE THE FLASH POINT THIS MATERIAL EMITS FLAMMABLE VAPORS WHICH, WHEN MIXED WITH AIR, CAN BURN OR BE EXPLOSIVE. FINE MIST OR SPRAY MAY BE FLAMMABLE AT TEMPERATURES BELOW THE FLASH POINT.

UNUSUAL FIRE AND EXPLOSION HAZARDS

HANDLE AS FLAMMABLE LIQUID. VAPORS FORM AN EXPLOSIVE MIXTURE IN AIR BETWEEN THE UPPER AND LOWER EXPLOSIVE LIMITS WHICH CAN BE IGNITED BY MANY SOURCES SUCH AS PILOT LIGHTS, OPEN FLAMES, ELECTRICAL MOTORS AND SWITCHES. UNOPENED CONTAINERS EXPOSED TO EXTREME HEAT MAY BUILD UP PRESSURE AND EXPLODE. USE WATER FOG TO COOL UNOPENED CONTAINERS. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES OR IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

===== **SECTION V - REACTIVITY DATA**=====

STABILITY: STABLE - AVOID EXPOSURE TO EXCESSIVE HEAT.

CONDITIONS TO AVOID

AVOID EXPOSURE TO HEAT, SPARKS, AND OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID STRONG OXIDIZERS, STRONG ACIDS, AND STRONG BASES. AVOID HALOGENS AND ALKANOLAMINES AS WELL.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

NORMAL COMBUSTION FORMS CARBON MONOXIDE, CARBON DIOXIDE, AND NITROGEN OXIDES. OTHER ORGANIC COMPOUNDS MAY ALSO BE FORMED. SILICON DIOXIDE AND FORMALDEHYDE MAY ALSO BE FORMED.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== **SECTION VI - HEALTH HAZARD DATA**=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, DIZZINESS, WEAKNESS, LOSS OF APPETITE AND LOSS OF COORDINATION. AFFECTED PERSONS USUALLY EXPERIENCE COMPLETE RECOVERY WHEN REMOVED FROM EXPOSURE AREA.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED SKIN CONTACT MAY DRY AND DEFAT SKIN, CAUSING CRACKS, IRRITATION, AND DERMATITIS. EYE CONTACT CAN CAUSE IRRITATION, REDNESS, AND TEARING.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION OF SOLVENTS OVER AN EXTENDED PERIOD OF TIME MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION WITH PHYSIOLOGICAL EFFECTS SIMILAR TO THAT OF INHALATION, INCLUDING DIZZINESS, NAUSEA, HEADACHE, AND LOSS OF COORDINATION. SEE SECTION II HAZARDOUS INGREDIENTS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA. VOMITING THIS MATERIAL MAY LEAD TO ASPIRATION OF PETROLUUM DISTILLATES INTO THE LUNGS, RESULTING IN CHEMICAL PNEUMONITIS, EDEMA, AND EVEN DEATH.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPEATED OR PROLONGED OCCUPATIONAL EXPOSURE MAY CAUSE IRRITATION TO THE EYES, NOSE, THROAT, AND RESPIRATORY TRACT; DEFATTING AND DERMITITIS OF THE SKIN, DAMAGE TO THE BRAIN, NERVOUS SYSTEM, LIVER, KIDNEYS, LUNGS, SPLEENS, AND BLOOD. INGESTION OF THIS MATERIAL MAY BE HARMFUL OR FATAL. INHALATION IN EXCESS OF THE THRESHOLD LIMIT VALUES OVER AN EXTENDED PERIOD OF TIME CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE DIZZINESS, UNCONSCIOUSNESS, AND EVEN DEATH.

CARCINOGENICITY: NTP CARCINOGEN: NO **IARC MONOGRAPHS:** ETHYLBENZENE IS A 2B CARCINOGEN. **OSHA REGULATED:** YES

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION-MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. EYE CONTACT-FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. TAKE TO PHYSICIAN. SKIN CONTACTWASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION-DO NOT INDUCE VOMITING. CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. NOTE: INGESTION OR SUBSEQUENT VOMITING CAN RESULT IN ASPIRATION OF LIGHT HYDROCARBON LIQUID WHICH CAN CAUSE PNEUMONITIS.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

REMOVE ALL SOURCE OF IGNITION. VENTILATE AREA BY OPENING DOORS AND WINDOWS. CONTAIN AND ABSORB WITH SAWDUST OR ABSORBENT MATERIAL, COVER WITH WATER AND PLACE IN AIRTIGHT METAL CONTAINERS.

WASTE DISPOSAL METHOD

CONTACT THE APPROPRIATE FEDERAL, STATE AND LOCAL AUTHORITIES TO ASCERTAIN THE PROPER DISPOSAL METHOD OF THIS MATERIAL. EMPTY CONTAINERS MUST BE THOROUGHLY RINSED WITH WATER.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

TURN OFF ALL IGNITION SOURCES PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. STORE IN COOL PLACE. KEEP AWAY FROM HEAT AND OPEN FLAME. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS

USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. AIR DRY CONTAMINATED CLOTHING IN WELL VENTILATED AREA. THEN LAUNDRER BEFORE REUSING.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

WEAR APPROVED RESPIRATORY PROTECTION SUCH AS A NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR OR AN AIR-SUPPLYING RESPIRATOR UNLESS VENTILATION EQUIPMENT IS ADEQUATE TO KEEP AIRBORNE CONCENTRATIONS BELOW THE RECOMMENDED TIME WEIGHTED EXPOSURE LIMITS.

VENTILATION

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. VENTILATION EQUIPMENT MUST BE EXPLOSION PROOF.

PROTECTIVE GLOVES

IMPERMEABLE CHEMICAL HANDLING GLOVES SHOULD BE USED FOR SKIN PROTECTION.

EYE PROTECTION

USE CHEMICAL SAFETY GLASSES, GOGGLES, OR FACESHIELDS FOR EYE PROTECTION.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS WHEN SPRAYING IS STRONGLY RECOMMENDED.

WORK/HYGIENIC PRACTICES

WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING RESTROOMS. EYE WASH STATION AND SAFETY SHOWER IN THE WORKPLACE ARE RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. WOOD KOTE PRODUCTS MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCRUACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WOOD KOTE PRODUCTS ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.