

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

CRYSTAL KOTE LACQUER VOC COMP AERO RUDD

Page: 1

PRODUCT NAME: CRYSTAL KOTE LACQUER VOC COMP AERO RUDD  
 PRODUCT CODE: 100-AERO-VOC-MSDS

HMIS CODES: H F R P  
 3 3 0 J

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: WOOD KOTE PRODUCTS INC.  
 ADDRESS : 8000 NE 14TH PLACE  
 PORTLAND, OR 97211

EMERGENCY PHONE : (800) 535-5053      DATE PRINTED : Discontinued as of 10/01/05  
 INFORMATION PHONE : (503) 285-8371      NAME OF PREPARER: C. JENKINS

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
* METHYL ETHYL KETONE OSHA PEL 200 PPM ACGIH TLV 200 PPM	78-93-3	70.9 20 C	25% TO 35%
ACETONE OSHA PEL 750 PPM ACGIH TLV 750 PPM	67-64-1	180 20 C	15 TO 25
* BUTANE 800 ACGIH TLV 1900 MG/M3 ACGIH	106-97-8		10% TO 15%
PROPANE OSHA TWA 1000 ppm acgih SIMPLE ASPHYXIAN	74-98-6	200 psi 100 F	10% TO 15%
ISOPROPANOL OSHA PEL 400 PPM ACGIH TLV 400 PPM	67-63-0	32 20 C	<5%
MINERAL SPIRITS 100 PPM ACGIH TLV 100 PPM OSHA PEL	64742-88-7	<5 20 C	<5%
* METHYL ISOBUTYL KEYTONE OSHA PEL/TWA 50 PPM ACGIH TLV/TWA 50 PPM	108-10-1	14.5 68 F	<5%
PROPYLENE GLYCOL MONOMETHYL ETHER	000107-98-2	12.5 25C	<5%
* XYLENE TLV/TWA 435MG/M3 STEL 655 MG/M3 PEL 435 MG/M3	1330-20-7	5.1 70 F	<5%
* TOLUENE 100 PPM PEL 50 PPM TLV SKIN	108-88-3	22 68 F	<5%
SOLVENT NAPHTHA, LIGHT ALIPHATIC OSHA PEL 300 PPM ACGIH TLV 300 PPM	64742-89-8	22-26 20 C	<5%
DIPROPYLENE GLYCOL MONOMETHYL ETHER PEL 100 PPM - SKIN TLV 100 PPM - SKIN	034590-94-8	<0.10 68 F	<5%

M A T E R I A L   S A F E T Y   D A T A   S H E E T  
CRYSTAL KOTE LACQUER VOC COMP AERO RUDD

Page: 2

OSHA/ACGIH (STEL) 150 PPM  
BUTYL BENZYL PHTHALATE 85-68-7 .16 150 C  
OSHA PEL/ 8-HOUR TIME-WEIGHTED AVERAGE: 5 MG/M3  
ACGIH TLV/ 8-HOUR TIME-WEIGHTED AVERAGE: 5 MG/M3  
ZINC STEARATE 557-05-1 NIL  
TLV 10 MG/M^3 ACGIH TWA

\* INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.  
INFORMATION NOT AVAILABLE.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: -44 F - 464 F                      SPECIFIC GRAVITY (H2O=1): 0.72  
VAPOR DENSITY: HEAVIER THAN AIR                  EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C.: 80% MAX VOC                      MATERIAL V.O.C.: 80% MAX VOC  
SOLUBILITY IN WATER: NEGLIGABLE  
APPEARANCE AND ODOR: TRANSLUCENT, TYPICAL LACQUER SOLVENT ODOR

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

FLASH POINT: PROPELLANT <0 F                      METHOD USED:  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1                      UPPER: 14

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL.

SPECIAL FIREFIGHTING PROCEDURES

SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE EQUIPMENT SHOULD BE WORN TO AVOID INHALATION OF CONCENTRATED VAPORS. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NEARBY CONTAINERS COOL.

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.

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

STABILITY: STABLE - AVOID EXPOSURE TO EXCESSIVE HEAT.

CONDITIONS TO AVOID

HEAT, IGNITION SOURCES, POOR VENTILATION.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
OVEREXPOSURE TO VAPORS MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION  
CHARACTERIZED BY DIZZINESS, STAGGERING GAIT, LOSS OF COORDINATION, HEADACHE,  
NAUSEA. VICTIM MAY EXPERIENCE DIFFICULTY IN BREATHING, AND EVEN LOSS OF  
CONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
EYE CONTACT: SEVERE IRRITATION, TEARING, REDNESS. SKIN CONTACT: REDNESS,  
IRRITATION, CRACKING.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
EXTREME OR PROLONGED SKIN ABSORPTION CAN RESULT IN SYMPTOMS SIMILAR TO THOSE  
EXPERIENCED FROM INHALATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE  
INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND  
DIARRHEA. INGESTION MAY BE HARMFUL.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO THIS MATERIAL IN EXCESS OF  
THRESHOLD LIMIT VALUES MAY RESULT IN ANEMIA, DAMAGE TO THE BRAIN AND NERVOUS  
SYSTEM, LIVER, KIDNEYS, LUNGS, SPLEENS, CARDIAC SYSTEM, SKIN AND EYES. IF  
ASPIRATED INTO THE LUNGS IT CAN CAUSE CHEMICAL PNEUMONITIS, EDEMA, AND EVEN  
DEATH.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes  
INFORMATION NOT AVAILABLE.

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. IF IRRITATION PERSISTS, GET  
MEDICAL ATTENTION. SKIN CONTACT-WASH WITH SOAP AND WATER OR WATERLESS HAND  
CLEANER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING  
AND SHOES UNTIL CLEANED. INGESTION-DO NOT INDUCE VOMITING. CONTAINS PETROLEUM  
DISTILLATES, WHICH CAN LEAD TO CHEMICAL PNEUMONITIS, EDEMA, AND EVEN DEATH. GET  
IMMEDIATE MEDICAL ATTENTION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
ELIMINATE IGNITION SOURCES, PROVIDE GOOD VENTILATION. SOAK UP MATERIAL WITH  
ABSORBANT MATERIAL, WET WITH WATER AND MIX. PLACE INTO AN AIRTIGHT METAL  
CONTAINER.

WASTE DISPOSAL METHOD  
DISPOSE OF ANY UNWANTED MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE, AND  
FEDERAL REGULATIONS.

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

CRYSTAL KOTE LACQUER VOC COMP AERO RUDD

Page: 4

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

TURN OFF ALL IGNITION SOURCES PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE. KEEP CONTAINERS IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT, AND SOURCES OF IGNITION. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DISORDERS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

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

RESPIRATORY PROTECTION

WHEN SPRAYING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS AND VAPOR CONCENTRATIONS BELOW THE TIME WEIGHTED THRESHOLD LIMIT VALUES. WHEN USING IN POORLY VENTILATED AND CONFINED SPACES, USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS.

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 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 WHENEVER POSSIBLE IS STRONGLY RECOMMENDED.

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.

===== 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 ACCURACY 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.