

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

421-LIQWID STAIN 550-TAOS

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PRODUCT NAME: 421-LIQWID STAIN 550-TAOS  
PRODUCT CODE: 421-LSS

HMIS CODES: H F R P  
2 2 0 G

=====**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 :** 10/01/10  
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=====**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**=====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
ALKYD RESIN SOLUTION	8052-41-3	1.85 68 F	35 TO 45
TLV MINERAL SPIRITS 100 ppm			
MINERAL SPIRITS	64742-88-7	<5 68 F	30 TO 40
100 PPM ACGIH TLV			
100 PPM OSHA PEL			
HYDROUS ALUMINUM SILICATE	1332-58-7	N/A N/A	
RESPIRABLE 5MG/M3 OSHA PEL			
RESPIRABLE 5MG/M3 OSHA TLV			
PROLONGED OR REPEATED EXPOSURE MAY CAUSE LUNG DAMAGE.			

WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN HIS PRODUCT.

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

**BOILING RANGE:** 277-372 F      **SPECIFIC GRAVITY (H2O=1):** 0.96  
**VAPOR DENSITY:** HEAVIER THAN AIR      **EVAPORATION RATE:** SLOWER THAN ETHER  
**COATING V.O.C.:** 547 g/l      **MATERIAL V.O.C.:** 547 g/l  
**SOLUBILITY IN WATER:** NON SOLUBLE  
**APPEARANCE AND ODOR:** ODOR CHARACTERISTIC OF PAINT THINNER

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

**FLASH POINT:** 105 F      **METHOD USED:** SETAFLASH  
**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** 1.00      **UPPER:** 7.00

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL.

**SPECIAL FIREFIGHTING PROCEDURES**

SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE EQUIPMENT SHOULD BE WORN WHEN FIGHTING FIRES INVOLVING THIS MATERIAL TO AVOID INHALATION OF HAZARDOUS DECOMPOSITION BY-PRODUCTS. USE WATER AS A FOG TO COOL UNOPENED CONTAINERS ONLY.

**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**

EXCESSIVE HEAT, POOR VENTILATION AND IGNITION SOURCES.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

AVOID STRONG OXIDIZERS, STRONG ACIDS, AND STRONG BASES.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA, OXIDES OF NITROGEN, AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

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

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

OVEREXPOSURE TO VAPORS OR FUMES MAY CAUSE DIZZINESS, LOSS OF APPETITE, WEAKNESS, AND LOSS OF COORDINATION.

**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 CONTACT: CAN DRY AND DEFAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA. INGESTION MAY BE HARMFUL. ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

HEADACHE, NAUSEA, DIZZINESS, AND VOMITING MAY RESULT. IRRITATION TO EYES AND SKIN. CHRONIC - UNKNOWN. NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. MAY CAUSE LIVER AND KIDNEY DAMAGE.

**CARCINOGENICITY:** NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

ANESTHESIA, RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.

**EMERGENCY AND FIRST AID PROCEDURES**

INHALATION OVEREXPOSURE-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 15 MINUTES. SKIN CONTACT-WASH THOROUGHLY WITH SOAP AND WATER AND SEE A DOCTOR. INGESTION-DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICIAN IMMEDIATELY.

===== 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**

COLLECT ABSORBENT/WATER/SPILLED LIQUID MIXTURE INTO METAL CONTAINERS AND ADD ENOUGH WATER TO COVER. CONSULT LOCAL, STATE & FEDERAL HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

USE NON-SPARKING UTENSILS WHEN HANDLING THIS MATERIAL. AVOID HOT METAL SURFACE. USE IN COOL, WELL-VENTILATED AREAS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM EXCESSIVE HEAT AND OPEN FLAMES.

**OTHER PRECAUTIONS**

SMOKING IN AREAS WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED.

===== 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**

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

===== 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.