

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

837-CLEAR AND CLEAN II-INT-CLEAR-MATTE

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PRODUCT NAME: 837-CLEAR AND CLEAN II-INT-CLEAR-MATTE
PRODUCT CODE: 837 - CLEAR MATTE

HMIS CODES: H F R P
1 0 0 E

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 : 07/09/07
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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), WEIGHT PERCENT. Rows include Polyurethane Dispersion, Dipropylene Glycol Methyl Ether, Dipropylene Glycol Monomethyl Ether, Butyl Benzyl Phthalate, Propylene Glycol, Mineral Spirits, Polyfunctional Aziridine, and Ethanol.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 191 F - 464 F SPECIFIC GRAVITY (H2O=1): 1.02
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 250 g/l MATERIAL V.O.C.: 104 g/l
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: MILKY APPEARANCE, SLIGHT GLYCOL ETHER ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 205 F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 14

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

SPECIAL FIREFIGHTING PROCEDURES

EVACUATE ALL UNNECESSARY PERSONNEL. USE FULL PROTECTIVE GEAR, INCLUDING SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY, PREFERABLY FOG, TO COOL A CLOSED CONTAINER TO PREVENT PRESSURE BUILD-UP AND POSSIBLE EXPLOSION. DO NOT ALLOW PRODUCT OR RUNOFF FROM FIRE CONTROL TO ENTER SANITARY SEWERS, LAKES, RIVERS, STREAMS, AND WATERWAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS

PRODUCT IS NORMALLY STABLE BUT CAN BECOME UNSTABLE AT ELEVATED TEMPERATURES AND PRESSURES. MAY REACT WITH WATER WITH SOME ENERGY RELEASE BUT NOT VIOLENT. COOL UNOPENED CONTAINERS WITH WATER.

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

STABILITY: STABLE - AVOID EXPOSURE TO EXCESSIVE HEAT.

CONDITIONS TO AVOID

AVOID EXTREME TEMPERATURES. KEEP FROM FREEZING AND EXPOSURE TO HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID STRONG OXIDIZERS, STRONG ACIDS, AND STRONG BASES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, AND POSSIBLY NITROGEN OXIDES. OTHER ORGANIC COMPOUNDS MAY ALSO BE FORMED.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION OF VAPOR OR MIST MAY CAUSE IRRITATION OF NASAL PASSAGES AND THROAT. HEADACHE, NAUSEA AND DIZZINESS MAY ALSO OCCUR. MAY CAUSE SENSITIZATION AND ALLERGIC RESPIRATORY REACTION WITH ASTHMA-LIKE SYMPTOMS.

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

NONE KNOWN.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LIQUID IS MODERATELY TOXIC AND MAY BE HARMFUL OR FATAL IF SWALLOWED. INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, NAUSEA, VOMITING, AND GASTROINTESTINAL IRRITATION. ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS, EDEMA. MAY BE FATAL IF SWALLOWED. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT, KIDNEY DAMAGE, AND SYSTEMIC TOXICITY WITH ACIDOSIS. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, CHARACTERIZED BY EXCITEMENT, FOLLOWED BY HEADACHE, DIZZINESS, DROWSINESS, AND NAUSEA. ADVANCED STAGES MAY CAUSE COLLAPSE, UNCONSCIOUSNESS, COMA AND POSSIBLE DEATH DUE TO RESPIRATORY FAILURE.

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.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

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

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: CHECK FOR AND REMOVE CONTACT LENSES. FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREA SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

INHALATION: REMOVE AFFECTED INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY MEDICAL PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CONTAIN SPILLED LIQUID. FOR SMALL SPILLS, ADD DRY MATERIAL TO CONTAIN. REMOVE BULK OF LIQUID AND ADD DRY MATERIAL TO ABSORB REMAINING LIQUID. CONTAINERIZE FOR DISPOSAL. FLUSH AREA WITH WATER TO REMOVE RESIDUES.

WASTE DISPOSAL METHOD

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN WELL VENTILATED AREA TO AVOID BUILD-UP OF VAPOR CONCENTRATIONS. STORE AT TEMPERATURES BETWEEN 40F AND 90F. KEEP FROM FREEZING.

OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THIS PRODUCT MAY BE HARMFUL.

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

RESPIRATORY PROTECTION

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC II) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORDANCE WITH 29 CFR 1910.134 USE EITHER AN AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS OR AN AIR SUPPLIED SELF CONTAINED BREATHING APPARATUS.

VENTILATION

LOCAL EXHAUST SHOULD BE SUFFICIENT TO KEEP VAPORS BELOW THE THRESHOLD LIMIT VALUES. OPEN DOORS AND WINDOWS TO PROVIDE FRESH AIR ENTRY AND TO PREVENT VAPOR BUILD-UP.

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. EYE WASH AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES

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