

SAFETY DATA SHEET
WOOD KOTE PRODUCTS INC.
www.woodkote.com

Section 1: Product and Company Identification

Product Name: Clear and Clean - Matte Product Code: 817

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Product Use: Water Based Polyurethane. This product is intended for professional use and application only.

Section 2: Hazards Identification

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue. Draize score: >= 1.5 < 2.3.
Reproductive toxin	1B	Presumed, based on experimental animals.

GHS Hazards

H303	May be harmful if swallowed.
H316	Causes mild skin irritation.
H360	May damage fertility or the unborn child.

GHS Precautions

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P350	IF ON SKIN: Gently wash with soap and water.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use water fog, "alcohol" foam, dry chemical, or CO2.
P405	Store locked up.
P501WK	If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Signal Word: Danger



Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	60.00% - 70.00%
Polymer/Solids	Proprietary	20.00% - 30.00%
Dipropylene Glycol Methyl Ether	34590-94-8	5.00% - 10.00%
1-Methyl-2-Pyrrolidinone	872-50-4	1.00% - 5.00%
Butyl Benzyl Phthalate	85-68-7	1.00% - 5.00%
Naphthalene	91-20-3	0.00% - 0.10%

Section 4: First Aid Measures

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF ON SKIN: Gently wash with plenty of soap and water.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Note to Physician: Provide general supportive measures and treat symptomatically.

Section 5: Fire Fighting Measures

Flash Point: 95 C (203 F)

LEL:

UEL:

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or CO₂.

EXPLOSION HAZARD: Material will not support combustion unless the water has evaporated. Unopened containers exposed to extreme heat may build that pressure and rupture. Cool unopened containers with water.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

FIRE FIGHTING PROCEDURES: Not combustible as supplied. However, it is advisable to wear self-contained breathing apparatus when fighting fires involving this material to avoid inhalation of decomposition by-products.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers unless wearing appropriate protective clothing.

SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

LARGE SPILLS: Dike far ahead of liquid spill for later disposal. Keep material out of storm sewers and ditches which lead to waterways.

Section 7: Handling and Storage

HANDLING: PREVENT/ KEEP FROM FREEZING. Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

STORAGE: PREVENT/ KEEP FROM FREEZING. Keep in original container tightly closed when not in use and stored away from direct light at temperatures between 40-110°F (4.5-43°C).

COMMENTS: Read label before use. KEEP OUT OF REACH OF CHILDREN! Empty containers, retain product residue (liquid and/or vapor).

Section 8: Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	NDA	NDA	NDA
Polymer/Solids Proprietary	NDA	NDA	NDA
Dipropylene Glycol Methyl Ether 34590-94-8	TWA 100 ppm 600 mg/m ³	TWA 100 ppm STEL 150 ppm	NIOSH: TWA 100 ppm 600 mg/m ³
1-Methyl-2-Pyrrolidinone 872-50-4	NDA	TWA 100 mg/l	WEEL: TWA 10 ppm
Butyl Benzyl Phthalate 85-68-7	NDA	NDA	NDA
Naphthalene 91-20-3	TWA 10 ppm 50 mg/m ³	TWA 10 ppm	NIOSH : TWA 10 ppm 50 mg/m ³

ENGINEERING CONTROLS: Provide general local exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

VENTILATION: Good general ventilation should be used. Ventilation rates should be matched to conditions.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety goggles. Maintain eye wash fountain and quick drench facilities in work areas.

SKIN: Wear protective gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

OTHER USE PRECAUTIONS: May be harmful if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

COMMENTS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

CONTAMINATED GEAR: Take off contaminated clothing and wash it before reuse. Follow manufacturer's instructions for cleaning. If no such instructions for washables, use detergent and hot water.

Section 9: Physical and Chemical Properties

<p>Appearance: Translucent / White</p> <p>Viscosity: N/A</p> <p>PH N/A</p> <p>Decomposition temperature: N/A</p> <p>Vapor Density: 3.3</p> <p>Freezing point: N/A</p> <p>Flash point: 205 F, 96 C</p> <p>Specific Gravity (SG) 1.011</p> <p>VOC g/L (Coating) 248.5</p>	<p>Odor: Slight Glycol Ether</p> <p>Solubility in Water: Complete</p> <p>Autoignition temperature: 232°C</p> <p>Vapor Pressure: 298.8 kpa at 20 C</p> <p>Melting point: N/A</p> <p>Boiling range: 240 - 100°C</p> <p>Evaporation rate: Slower than ether.</p> <p>VOC g/L (Material) 198.8</p>
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Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Chemical stability: Stable under recommended storage conditions.

Strong oxidizers.

Avoid heat, sparks, open flames and other ignition sources.

Hazardous decomposition:

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Component Toxicity

872-50-4	1-Methyl-2-Pyrrolidinone Oral LD50: 3,914 mg/kg (Rat)
85-68-7	Butyl Benzyl Phthalate Oral LD50: 2,330 mg/kg (Rat)
91-20-3	Naphthalene Oral LD50: 490 mg/kg (Rat)

PRIMARY ROUTES OF ENTRY

Inhalation Skin Contact Eye Contact Ingestion

Target Organs: Kidneys, liver, central nervous system, cardiovascular system

Effects of Overexposure

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.

Section 12: Ecological Information

ENVIRONMENTAL SUMMARY: Avoid uncontrolled releases of this material. Where spills are possible, comprehensive spill response plan should be developed and implemented. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Component Ecotoxicity

Naphthalene

Toxicity to fish: LC50-Oncorhynchus mykiss (rainbow trout)-0.9 -9.8 mg/l-96.0 h
LC50-Pimephales promelas (fathead minnow)-1-6.5 mg/l-96.0 h
NOEC-other fish-1.8 mg/l-3.0 d
LOEC-other fish-3.2 mg/l-3.0 d
Toxicity to daphnia and other aquatic invertebrates: EC50-Daphnia magna (Water flea)-1.00 -3.40 mg/l-48 h

Section 13: Disposal Considerations

DISPOSAL: If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	NDA			

Section 15: Regulatory Information

ACGIH (American Conference of Governmental Industrial Hygienists)

TWA (Time-Weighted Average)

OSHA (Occupational Safety and Health Administration)

NIOSH (National Institute for Occupational Safety and Health)

OSHA: Occupational Safety and Health Administration.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

85-68-7 Butyl Benzyl Phthalate 1 to 5 %

872-50-4 1-Methyl-2-Pyrrolidinone 1 to 5 %

SARA TITLE III (Superfund Amendment and Reauthorization Act)

SARA 302 Components:

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards:

872-50-4 1-Methyl-2-Pyrrolidinone 1 to 5 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard

34590-94-8 Dipropylene Glycol Methyl Ether 5 to 10 % Fire Hazard, Chronic Health Hazard

SARA 313 Components:

872-50-4 1-Methyl-2-Pyrrolidinone 1 to 5 %

Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:

NDA: No Data Available

Hazardous Material Information System (HMIS)

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

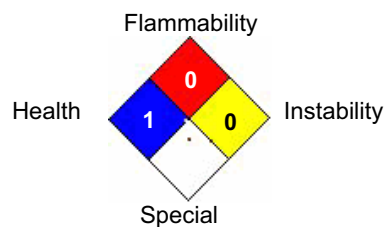
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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