

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

Section 1: Product and Company Identification

Product Name: WashThin Product Code: 4540

WOOD KOTE PRODUCTS INC.

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USA

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EMERGENCY CONTACT

INFOTRAC (Transportation): 800-535-5053

Product Use: Utility Wash Thinner. This product is intended for professional use and application only.

Section 2: Hazards Identification

GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue. Draize score: >= 2.3 < 4.0 or persistent inflammation.
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B. Positive results: in vivo heritable germ cell tests in mammals, human germ cell tests, in vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity.
Carcinogen	1A	Known human carcinogen based on human evidence.
Reproductive toxin	2	Human or animal evidence possibly with other information.
Aspiration hazard	1	Aspiration Toxicity Category 1: known (regarded)- human evidence - hydrocarbons with kinematic viscosity 20.5 mm ² /s at 40° C.

GHS Hazards

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H340	May cause genetic defects.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.

GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/light/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P321	Specific treatment (see treatment on this label).
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before reuse.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing . Rinse skin with water/shower.

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.

P403+P235 Store in a well ventilated place. Keep cool.

P501 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.

Signal Word: Danger



HIGHLY FLAMMABLE LIQUID AND VAPOR.

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Toluene	108-88-3	80.00%
Methyl Ethyl Ketone	78-93-3	19.00%
Benzene	71-43-2	0.80%

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. Call a POISON CENTER or doctor/physician.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

IF ON SKIN: Remove contaminated clothing/shoes. Flush skin with water for at least 15 minutes. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

IF SWALLOWED: DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs . Get medical attention.

Note to physician: If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration.

Section 5: Fire Fighting Measures

Flash Point: -7 C (19 F)

LEL: 1.00

UEL: 7.00

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

EXPLOSION HAZARDS: When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flashpoint.

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

FIRE FIGHTING PROCEDURES: DANGER! Highly flammable liquid and vapor. Clear fire area of unprotected personnel. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire.

FIRE EQUIPMENT: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NOISH approved, self-contained breathing apparatus.

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.

EMERGENCY PROCEDURES: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering.

CONTAINMENT/CLEAN-UP MEASURES: Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors.

LARGE SPILLS: Stop the flow of the material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Section 7: Handling and Storage

HANDLING: Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact during pregnancy/while nursing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

STORAGE: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Store in flammables area. Keep in original container tightly closed when not in use and stored away from direct light at temperatures between 32-110°F (0-43°C).

COMMENTS: Read label before use. KEEP OUT OF REACH OF CHILDREN! Empty containers, retain product residue (liquid and/or vapor). Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

Section 8: Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Toluene 108-88-3	TWA 100 ppm 375 mg/m ³ STEL 150 ppm 560 mg/m ³ CEIL 330 ppm	TWA 20 ppm	NIOSH: TWA 100 ppm 375 mg/m ³
Methyl Ethyl Ketone 78-93-3	TWA 200 ppm 260 mg/m ³	TWA 200 ppm STEL 250 ppm	NIOSH: TWA 200 ppm 260 mg/m ³ ST 250 ppm 325 mg/m ³
Benzene 71-43-2	TWA 10 ppm CEIL 25 ppm	TWA 0.5 ppm STEL 2.5 ppm	NIOSH: TWA 0.1 ppm

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 fatal if swallowed and enters airways. 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

Appearance: Translucent	Odor: Typical Lacquer Solvent
Viscosity: N/A	Solubility: Ketones and hydrocarbons.
PH Essentially neutral.	Autoignition temperature: 535°C
Decomposition temperature: N/A	Vapor Pressure: N/A
Vapor Density: N/A	Melting point: N/A
Freezing point: N/A	Boiling range: 80°C
Flash point: 19 F,-7 C	Evaporation rate: Slower than ether.
Specific Gravity (SG) 0.856	VOC g/L (Material) 854.4
VOC g/L (Coating) 854.4	

Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Hazardous decomposition products are not expected to form during normal storage.

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

Alcohols, strong bases, amines, acids.

Strong oxidizers.

Hazardous decomposition:

Hazardous decomposition products formed under fire conditions - Carbon oxides.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Component Toxicity

71-43-2

Benzene

Oral LD50: 2,990 mg/kg (Rat)

Target Organs: Kidneys, Liver, Lungs, Central Nervous System, Reproductive System

Effects of Overexposure

Inhalation

IF INHALED: Overexposure to vapors or fumes may cause dizziness, loss of appetite, weakness and loss of coordination. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Nausea, dizziness, headache, narcosis. Inhalation of high concentrations of benzene may have an initial stimulatory effect on the central nervous system characterized by exhilaration, nervous excitation and/or depression, drowsiness or fatigue.

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

Benzene Toxicity to fish: LC50-Pimephales promelas (fathead minnow)-15.00 -32.00 mg/l-96 h
 Toxicity to daphnia and other aquatic invertebrates: EC50-Ceriodaphnia dubia (water flea)-17.2 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)

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:

71-43-2 Benzene 1 %

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:

71-43-2 Benzene 1 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard

78-93-3 Methyl Ethyl Ketone 19 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard

108-88-3 Toluene 80 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Components:

71-43-2 Benzene 1 %

108-88-3 Toluene 80 %

Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:

NDA: No Data Available

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

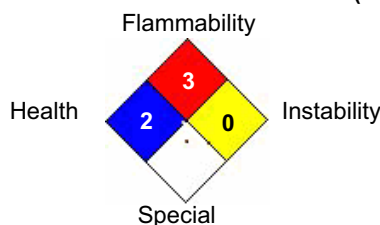
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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