

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

Section 1: Product and Company Identification

Product Name: Flagship UV Aerosol 450 - Gloss Product Code: 325-8

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EMERGENCY CONTACT
INFOTRAC (Transportation): 800-535-5053

Product Use: Interior/Exterior Polyurethane. This product is intended for professional use and application only.

Section 2: Hazards Identification

GHS Ratings:

Flammable aerosol	2	Flammable aerosol class 2
Skin corrosive	2	Reversible adverse effects in dermal tissue. Draize score: $\geq 2.3 < 4.0$ or persistent inflammation.
Eye corrosive	2A	Eye irritant: subcategory 2A, reversible in 21 days.
Carcinogen	2	Limited evidence of human or animal carcinogenicity.
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

H223	Flammable aerosol.
H229	Pressurized container: may burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H351	Suspected of causing 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.
P211	Do not spray on an open flame or other ignition source.
P233	Keep container tightly closed.
P234	Keep only in original container.
P235	Keep cool.
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.
P251	Pressurized container - Do not pierce or burn, even after use.
P264	Wash skin thoroughly after handling.
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.
P362	Take off contaminated clothing and wash before reuse.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
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
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use water fog, "alcohol" foam, dry chemical, or CO2.
P405	Store locked up.
P410	Protect from sunlight.
P412	Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P235	Store in a well ventilated place. Keep cool
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



FLAMMABLE AEROSOL

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Concentration	Proprietary 1	30.00% - 40.00%
Mineral Spirits	8052-41-3	30.00% - 40.00%
Solvent Naphtha (petroleum), Medium Aliphatic	64742-88-7	5.00% - 10.00%
Acetone	67-64-1	5.00% - 10.00%
Alkyd Polymer	Proprietary 3	5.00% - 10.00%
Sunflower Oil	8001-21-6	1.00% - 5.00%
Propane	74-98-6	1.00% - 5.00%
Trade Secret	Trade Secret	1.00% - 5.00%
Trimethylbenzene	25551-13-7	1.00% - 5.00%
Butane	106-97-8	1.00% - 5.00%
Xylene (o-,m-,p- isomers)	1330-20-7	1.00% - 5.00%

Section 4: First Aid Measures

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.

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: Rinse/wash with lukewarm, gently flowing water (and mild soap) for 15 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

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. Immediately call a POISON CENTER/doctor.

Note to Physician: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep under observation. Symptoms may be delayed.

Section 5: Fire Fighting Measures

Flash Point: 43 C (109 F)

LEL: 1.00

UEL: 13.00

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

EXPLOSION HAZARD: Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined area or travel a considerable distance to a source of ignition and flashback, causing fire or explosion. Bursting aerosol container may be propelled from a fire at high speed. 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.

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

FIRE FIGHTING PROCEDURES: WARNING! Flammable liquid and vapor. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Clear fire area of unprotected personnel. Wear positive pressure self-contained breathing apparatus (SCBA). 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: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. In the case of aerosol being ruptured, care should be taken do to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions on the clean up section. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

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. 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 taste or swallow. Do not breathe vapor or mist. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Avoid contact with eyes, skin and clothing. Put on appropriate personal equipment. Wash thoroughly after handling. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. 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. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools.

STORAGE: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store away from direct sunlight in a cool, dry, well-ventilated area away from incompatible substances and food and drink. Store in flammables area. Use appropriate containment to avoid environmental contamination.

COMMENTS: Read label before use. KEEP OUT OF REACH OF CHILDREN! Do not 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
Concentration Proprietary 1	NDA	NDA	NDA
Mineral Spirits 8052-41-3	TWA 500 ppm 2900 mg/m3	TWA 100 ppm	NIOSH IDLH:20000 mg/m3 TWA: 350 MG/M3
Solvent Naphtha (petroleum), Medium Aliphatic 64742-88-7	PEL 500 ppm 2,900 mg/m3 TWA 100 ppm 525 mg/m3	TWA 100 ppm	NDA
Acetone 67-64-1	TWA 1000 ppm - 2400 mg/m3	TWA 500 ppm STEL 750 PPM	NIOSH: TWA 250 ppm 590 mg/m3
Alkyd Polymer Proprietary 3	NDA	NDA	NDA
Sunflower Oil 8001-21-6	NDA	NDA	NIOSH: TWA 10 mg/m3
Propane 74-98-6	TWA 1,000 ppm 1,800 mg/m3	TWA 1,000 ppm	NIOSH: TWA 1,000 ppm 1,800 mg/m3
Trade Secret Trade Secret	NDA	NDA	NDA
Trimethylbenzene 25551-13-7	TWA 25 ppm	TLV 25 ppm	NIOSH: TWA 25 ppm
Butane 106-97-8	NDA	TWA 1.000 ppm	NIOSH: TWA 800 ppm 1,900 mg/m43
Xylene (o-,m-,p- isomers) 1330-20-7	TWA 100 ppm 435 mg/m3	STEL: 150 ppm TWA: 100 ppm	TWA 100 ppm 435 mg/m3

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: General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Section 9: Physical and Chemical Properties

<p>Appearance: Translucent / Amber</p> <p>Viscosity: N/A</p> <p>PH Essentially neutral.</p> <p>Decomposition temperature: N/A</p> <p>Vapor Density: 4.1</p> <p>Freezing point: N/A</p> <p>Flash point: 109 F, 43 C</p> <p>Specific Gravity (SG) 0.349</p> <p>VOC g/L (Coating) 160.1</p>	<p>Odor: Stoddard</p> <p>Solubility: Ketones and hydrocarbons.</p> <p>Autoignition temperature: 230°C</p> <p>Vapor Pressure: 75.6 at 39.5 C</p> <p>Melting point: N/A</p> <p>Boiling range: N/A</p> <p>Evaporation rate: Slower than ether.</p> <p>VOC g/L (Material) 160.1</p>
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Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Strong oxidizers.

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

No decomposition if used and stored according to specifications.

Chemical stability: Stable under recommended storage conditions.

Hazardous decomposition:

Carbon monoxide and unidentified organic compounds may be formed during combustion. There should be no decomposition if stored and applied as directed.

Carbon monoxide and carbon dioxide.

Oxygen, hydrogen gas, water, heat, steam.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 875mg/L

Component Toxicity

64742-88-7 Solvent Naphtha (petroleum), Medium Aliphatic
Oral LD50: 5,000 mg/kg (Rat) Dermal LD50: 3,000 mg/kg (Rabbit)

67-64-1 Acetone
Inhalation LC50: 44 g/m³ (Mouse)

PRIMARY ROUTES OF ENTRY

Inhalation **Skin Contact**

Target Organs: Eyes, lungs, skin

Effects of Overexposure

Inhalation Inhalation of high concentrations can produce central nervous system effects such as nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. May cause speech abnormalities

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

Solvent Naphtha (petroleum), Very toxic to fish.
Medium Aliphatic

Acetone Environmental Data: Readily biodegradable.
Ecotoxicological Information: Keep out of waterways.

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. Do not puncture or incinerate container.

Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Aerosols Limited Quantity - ORM-D	1950		2.1
IATA	Aerosols Limited Quantity	1950		2.1
IMDG/IMO	Aerosols Limited Quantity	1950		2.1

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 chemicals known to the State of California to cause cancer or other reproductive harm.

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:

1330-20-7 Xylene (o-,m-,p- isomers) 1 to 5 % Acute Health Hazard, Chronic Health Hazard

74-98-6 Propane 1 to 5 % Fire Hazard, Pressure generating

67-64-1 Acetone 5 to 10 % Fire Hazard, Acute Health Hazard, Chronic Health Hazard

64742-88-7 Solvent Naphtha (petroleum), Medium Aliphatic 5 to 10 % Acute Health Hazard

SARA 313 Components:

1330-20-7 Xylene (o-,m-,p- isomers) 1 to 5 %

Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:

NDA: No Data Available

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

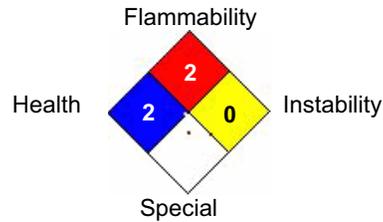
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Date Revised: 1/21/2016