

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

Section 1: Product and Company Identification

Product Name: PolyFlat 450 Product Code: 605A

WOOD KOTE PRODUCTS INC.

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EMERGENCY CONTACT

INFOTRAC (Transportation): 800-535-5053

Product Use: Polyurethane Flattening Agent. This product is intended for professional use and application only.

Section 2: Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
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.
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	2	Limited evidence of human or animal carcinogenicity.
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation.
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases.
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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

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.

P285	In case of inadequate ventilation wear respiratory protection.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before reuse.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: 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.
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.
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 LIQUID AND VAPOR

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Trade Secret	Trade Secret	28.00%
Solvent Naphtha (petroleum), Medium Aliphatic	64742-88-7	24.00%
Mineral Spirits	8052-41-3	23.00%
Synthetic Amorphous Silica	7631-86-9	9.00%
Silica Gel	63231-67-4	9.00%
Concentration	Proprietary 1	3.00%
Xylene (o-,m-,p- isomers)	1330-20-7	1.00%

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: 7.00

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

EXPLOSION HAZARDS: Handle as a 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.

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). 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: 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: 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: 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
Trade Secret Trade Secret	NDA	NDA	NDA
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
Mineral Spirits 8052-41-3	TWA 500 ppm 2900 mg/m3	TWA 100 ppm	NIOSH IDLH:20000 mg/m3 TWA: 350 MG/M3
Synthetic Amorphous Silica 7631-86-9	TWA 20 Million particles per cubic foot	NDA	NIOSH: TWA 6 mg/m3
Silica Gel 63231-67-4	TWA 6 mg/m3	TWA 10 mg/m3	NDA
Concentration Proprietary 1	NDA	NDA	NDA
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

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

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.

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: Gelatinous / Amber</p> <p>Viscosity: N/A</p> <p>PH Essentially neutral.</p> <p>Decomposition temperature: N/A</p> <p>Vapor Density: 4.0</p> <p>Freezing point: N/A</p> <p>Flash point: 109 F, 43 C</p> <p>Specific Gravity (SG) 0.977</p> <p>VOC g/L (Material) 266.4</p>	<p>Odor: Stoddard</p> <p>Solubility: Ketones and hydrocarbons.</p> <p>Autoignition temperature: 230°C</p> <p>Vapor Pressure: 2.0 hPa at 20 C</p> <p>Melting point: N/A</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: Slower than ether.</p> <p>VOC g/L (Coating) 266.4</p>
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Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Strong oxidizers.

Chemical stability: Stable under recommended storage conditions.

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

No decomposition if used and stored according to specifications.

Hazardous decomposition:

Carbon monoxide and carbon dioxide.

Oxygen, hydrogen gas, water, heat, steam.

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

Hazardous decomposition products formed under fire conditions - Carbon oxides.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Component Toxicity

64742-88-7	Solvent Naphtha (petroleum), Medium Aliphatic Oral LD50: 5,000 mg/kg (Rat) Dermal LD50: 3,000 mg/kg (Rabbit)
7631-86-9	Synthetic Amorphous Silica Oral LD50: 3,160 mg/kg (Rat)

PRIMARY ROUTES OF ENTRY

Inhalation

Target Organs: Eyes, Liver, Lungs, Central Nervous System, Skin

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 for fish.
Medium Aliphatic

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>
DOT	Paint	1263	III	3
IATA	Paint	1263	III	3
IMDG/IMO	Paint	1263	III	3

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.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

64742-88-7 Solvent Naphtha (petroleum), Medium Aliphatic 24 %

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:

1330-20-7 Xylene (o-,m-,p- isomers) 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:

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

7631-86-9 Synthetic Amorphous Silica 9 % Chronic Health Hazard

64742-88-7 Solvent Naphtha (petroleum), Medium Aliphatic 24 % Fire Hazard, Acute Health Hazard, Delayed Hazard

SARA 313 Components:

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

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

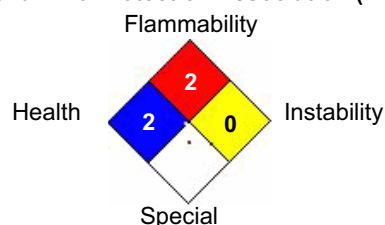
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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