

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

Section 1: Product and Company Identification

Product Name: LaqThin T-99A Product Code: 4930A

WOOD KOTE PRODUCTS INC.

8000 NE 14th Place
Portland, Oregon 97211
USA

TEL: 503-285-8371
800-843-7666 (Toll Free USA & Canada)
FAX: 503-285-8374
E-MAIL: info@woodkote.com

EMERGENCY CONTACT

INFOTRAC (Transportation): 800-535-5053

Product Use: Lacquer Thinner & Reducer. 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) |
| Oral Toxicity | Acute Tox. 3 | Oral>50+<=300mg/kg |
| Dermal Toxicity | Acute Tox. 3 | Dermal>200+<=1000mg/kg |
| Inhalation Toxicity | Acute Tox. 3 | Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l. |
| Skin corrosive | 2 | Reversible adverse effects in dermal tissue. Draize score: >= 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 | 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. |
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H316 | Causes mild skin irritation. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| 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. |
| 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. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P312 | IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| 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



**HIGHLY FLAMMABLE LIQUID AND VAPOR.
VAPORS MAY CAUSE FLASH FIRE.**

Section 3: Composition / Information on Ingredients

| Chemical Name | CAS number | Weight Concentration % |
|----------------------------------|------------|------------------------|
| Solvent Naphtha, Light Aliphatic | 64742-89-8 | 29.00% |
| Methyl Ethyl Ketone | 78-93-3 | 15.00% |
| Isopropyl Alcohol | 67-63-0 | 15.00% |
| Toluene | 108-88-3 | 11.00% |
| Acetone | 67-64-1 | 10.00% |
| Xylene (o-,m-,p- isomers) | 1330-20-7 | 9.00% |
| Methyl Isobutyl Ketone | 108-10-1 | 5.00% |
| Ethylene Glycol Butyl Ether | 111-76-2 | 4.00% |
| Ethyl Benzene | 100-41-4 | 2.00% |
| Benzene | 71-43-2 | 0.10% |

Section 4: First Aid Measures

IF INHALED: If breathing is difficult, remove source of exposure or move victim to fresh air and keep at rest in a position comfortable for breathing. If victim is not breathing, call 911 and administer CPR as directed.

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 immediately.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persist.

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: Provide general supportive measures and treat symptomatically.

Section 5: Fire Fighting Measures

Flash Point: -18 C (0 F)

LEL: 1.00

UEL: 13.00

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. 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 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.

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 |
|--|---|-------------------------------|---|
| Solvent Naphtha, Light Aliphatic 64742-89-8 | TWA 500 ppm | TWA 300 ppm 1,370 mg/m3 | NDA |
| Methyl Ethyl Ketone 78-93-3 | TWA 200 ppm 260 mg/m3 | TWA 200 ppm STEL 250 ppm | NIOSH: TWA 200 ppm 260 mg/m3 ST 250 ppm 325 mg/m3 |
| Isopropyl Alcohol 67-63-0 | TWA 400 ppm 980 mg/m3 | TWA 200 ppm STEL 400 ppm | NIOSH: TWA 400 ppm 980 mg/m3 |
| Toluene 108-88-3 | TWA 100 ppm 375 mg/m3 STEL 150 ppm 560 mg/m3 CEIL 330 ppm | TWA 20 ppm | NIOSH: TWA 100 ppm 375 mg/m3 |
| Acetone 67-64-1 | TWA 1000 ppm - 2400 mg/m3 | TWA 500 ppm STEL 750 PPM | NIOSH: TWA 250 ppm 590 mg/m3 |
| 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 |
| Methyl Isobutyl Ketone 108-10-1 | TWA 50 ppm 205 mg/m3 STEL 75 ppm 300 mg/m3 | STEL 75 ppm | NIOSH: TWA 50 ppm |
| Ethylene Glycol Butyl Ether 111-76-2 | TWA 50 ppm 240 mg/m3 | TWA 20 ppm | NIOSH: TWA 5 ppm 24 mg/m3 |
| Ethyl Benzene 100-41-4 | TWA: 100 ppm - 435 mg/m3 | TWA: 20ppm | NIOSH IDLH: 800 ppm TWA: 100 ppm - 435 mg/m3 STEL: 125 ppm - 545 mg/m3 |
| 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: 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: Toxic if swallowed and enters airways. May irritate body tissues. Use with adequate ventilation. Do not breath 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</p> <p>Viscosity: N/A</p> <p>PH Essentially neutral.</p> <p>Decomposition temperature: N/A</p> <p>Vapor Density: 2.1</p> <p>Freezing point: N/A</p> <p>Flash point: 0 F,-18 C</p> <p>Specific Gravity (SG) 0.804</p> <p>VOC g/L (Coating) 803.9</p> | <p>Odor: Typical Lacquer Solvent</p> <p>Solubility: Ketones and hydrocarbons.</p> <p>Autoignition temperature: 232°C</p> <p>Vapor Pressure: 4.4 at 37.70 C</p> <p>Melting point: N/A</p> <p>Boiling range: 56°C</p> <p>Evaporation rate: Slower than ether.</p> <p>VOC g/L (Material) 722.4</p> |
|---|---|

Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

No decomposition if used and stored according to specifications.

Strong oxidizers.

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

Hazardous decomposition:

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

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 4,238mg/kg

Inhalation Toxicity LC50: 426mg/L

Component Toxicity

| | |
|------------|---|
| 64742-89-8 | Solvent Naphtha, Light Aliphatic Dermal LD50: 4,000 mg/kg (Rat) Inhalation LC50: 3,400 ppm (Rat) |
| 67-63-0 | Isopropyl Alcohol Oral LD50: 3,600 mg/kg (Mouse) |
| 67-64-1 | Acetone Inhalation LC50: 44 g/m3 (Mouse) |
| 108-10-1 | Methyl Isobutyl Ketone Oral LD50: 2,080 mg/kg (Rat) |
| 111-76-2 | Ethylene Glycol Butyl Ether Oral LD50: 470 mg/kg (Rat) |
| 100-41-4 | Ethyl Benzene Oral LD50: 3,500 mg/kg (Rat) |
| 71-43-2 | Benzene Oral LD50: 2,990 mg/kg (Rat) |

PRIMARY ROUTES OF ENTRY

Inhalation Skin Contact Ingestion

Target Organs: Kidneys, Liver, Central Nervous System, 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

| | |
|------------------------|--|
| Isopropyl Alcohol | (LC50): 100000 mg/l 96 hours [Fathead Minnow]. 64000 mg/l 96 hours [Fathead Minnow]. |
| Acetone | Environmental Data: Readily biodegradable. Ecotoxicological Information: Keep out of waterways. |
| Methyl Isobutyl Ketone | Toxicity to fish: LC50-Leuciscus idus melanotus-480 mg/l-48 h Toxicity to daphnia and other aquatic invertebrates: EC50-Daphnia magna (Water flea)-1,550 -3,623 mg/l-24 h |
| 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

| Agency | Proper Shipping Name | UN Number | Packing Group | Hazard Class |
|----------|----------------------|-----------|---------------|--------------|
| DOT | Paint Related | 1263 | II | 3 |
| IATA | Paint Related | 1263 | II | 3 |
| IMDG/IMO | Paint Related | 1263 | II | 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)

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

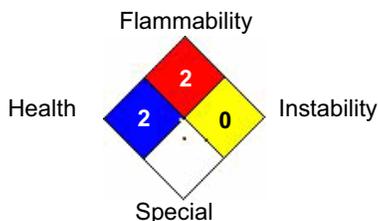
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. WOOD KOTE PRODUCTS assumes no responsibility for injury from the use of the product described herein. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.

Date Revised: 9/8/2016