

MATERIAL SAFETY DATA SHEET

E - Z TUNG OIL FINISH

EMERGENCY CONTACT: FOR CHEMICAL EMERGENCY - SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC AT 1-800-424-9300, DAY OR NIGHT

<u>INDEX</u>	<u>HMIS</u>	<u>NFPA</u>
4 - Extreme	Health 1	Health 0
3 - High	Flammability 2	Flammability 2
2 - Moderate	Reactivity 0	Reactivity 0
1 - Slight		
0 - Least		

EMERGENCY OVERVIEW

Clear amber colored liquid with mild vegetable oil odor.

WARNING! Closed containers may explode if exposed to extreme heat.

Section 2. CHEMICAL AND PHYSICAL PROPERTIES

CHEMICAL NAME:

petroleum hydrocarbon, polymerized tung oil

FORMULA:

not applicable

HAZARDOUS DECOMPOSITION PRODUCTS:

carbon monoxide and carbon dioxide from burning CO₂, carbon monoxide, soot.

INCOMPATIBILITY (Keep away from):

strong oxidizers such as hydrogen peroxide, bromine, and chromic acid strong oxidizing agents

TOXIC AND HAZARDOUS INGREDIENTS:

	<u>%</u>	<u>CAS #</u>
Stoddard Solvent	81	8052-41-3
1,2,4 Trimethylbenzene	2	95-63-6
Polymerized Tung Oil	17	n/a

FORM:

liquid

ODOR:

mild petroleum, typical vegetable oil odor

APPEARANCE/STATE:

low viscosity liquid, amber colored liquid

COLOR:

colorless

SPECIFIC GRAVITY (water=1):

0.77, 0.988

BOILING POINT:

greater than 154 deg. C (310 deg. F), does not distill

MELTING POINT:

not applicable

SOLUBILITY IN WATER (by weight %):

0 at 20 deg. C, not soluble

VOLATILITY (by weight %):

100

EVAPORATION RATE:

(n buytl acetate = 1) .2

VAPOR PRESSURE (mm Hg at 20 deg. C):

3

VAPOR DENSITY (air = 1):

4.85

pH (as is):

not applicable

STABILITY:

Product is stable under normal conditions

VISCOSITY SUS at 100 deg F:

Less than 100

Section 3. FIRE AND EXPLOSION DATA

SPECIAL FIRE FIGHTING PROCEDURES

Do not use water except as fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Avoid all ignition sources such as flames and sparks

FLASHPOINT:

(Method Used) Tag closed-up 43 deg. C (110 deg. F)

FLAMMABLE LIMITS %:

Lower: 1 Upper: 7

EXTINGUISHING AGENTS:

Drychemical or Waterfog or CO₂ or Foam

Closed containers exposed to fire may be cooled with water.

Section 4. HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (air):

STODDARD SOLVENT (8052-41-3)

OSHA PEL 100 ppm

ACGIH TLV 525 mg/m³

TRIMETHYLBENZENE

OSHA PEL 25 ppm

ACGIH TLV 125 mg/m³

CHRONIC EFFECTS OF OVEREXPOSURE:

no data available

ACUTE TOXICOLOGICAL PROPERTIES:

for stoddard solvent: inhalation-irritation of eyes, nose and throat, dizziness; skin contact-dermatitis; eyes-irritation; ingestion-nausea, vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression.

EMERGENCY FIRST AID PROCEDURES:

Eyes: Immediate flush with large quantities of water for at least 15 minutes and call a physician. May cause burning and irritation.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water. Prolonged skin contact may cause irritation or dermatitis. If irritation occurs or persists, seek medical attention.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Call a physician immediately. DO NOT induce vomiting. (Vomiting may cause aspiration into lungs resulting in chemical pneumonia.)

ROUTES OF ENTRY:

Inhalation, skin/eye contact, ingestion

TARGET ORGAN(S):

Respiratory system, central nervous system, skin and eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting eye, skin and respiratory disorders.

Section 5. SPECIAL PROTECTION INFORMATION

VENTILATION TYPE REQUIRED (Local, mechanical, special):

Local is necessary to maintain allowable PEL (permissible exposure limit) or TLV (threshold limit value)

RESPIRATORY PROTECTION (Specify type):

Use NIOSH/MSHA certified respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

PROTECTIVE GLOVES:

neoprene type

EYE PROTECTION:

chemical safety goggles

OTHER PROTECTIVE EQUIPMENT:

none

Section 6. HANDLING OF SPILLS OR LEAKS

PROCEDURES FOR CLEAN-UP:

Avoid all ignition sources such as flames and sparks. Insure good ventilation. If volume is significant, transfer into containers for disposal. Seal container tightly. Absorb on an inert ingredient such as earth, sand or vermiculite. Sweep up and dispose of according to Federal, State and local regulations.

WASTE DISPOSAL:

Dispose of in accordance with all applicable federal, state and local regulations.

Section 7. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid all ignition sources such as flames and sparks.

Do not handle or store at temperatures over 38 deg. C (100 deg. F).

Do NOT store in confined areas such as trailers.

MAXIMUM STORAGE TEMPERATURE:

38 deg. C (100 deg. F)

Keep away from heat and open flames. Use with adequate ventilation.

DANGER - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water - filled metal container.

Section 8. TRANSPORTATION DATA

D. O. T.:

Regulated

U. S. D. O. T. PROPER SHIPPING NAME:

PAINT RELATED MATERIAL

CONTAINER MODE:

Gallon/Quart/Pint

LABEL(S) REQUIRED:

none

REPORTABLE QUANTITY:

none

FREIGHT CLASSIFICATION :

Stoddard solvent-Combustible liquid

SPECIAL TRANSPORTATION NOTES:

DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons.

EXPORT: Regulated as Flammable Liquid, N. O. S., (Stoddard Solvent), 3.3, UN 1268, PG 111, Category A, IMDG 3375.

OTHER TRANSPORT INFORMATION

The DOT Transport Information may vary with the container and mode of shipment.

Section 9. ENVIRONMENTAL/SAFETY REGULATIONS

SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT):

This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (the corresponding CAS number and percent by weight are also provided):

1,2,4 trimethyl benzene	CAS # 95-63-6	2.67%
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COMMENTS

STATE REGULATORY INFORMATION:

NEW JERSEY WORKER AND COMMUNITY RIGHT - TO - KNOW ACT:

CAS # 68038 - 50 - 6

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT: This product contains the following ingredients listed in Appendix A Hazardous Substance List:

<u>Component</u>	<u>CAS No.</u>
stoddard solvent	8052-41-3

LABEL INFORMATION

CAUTION! COMBUSTIBLE MIXTURE

Contains Stoddard Solvent - CAS No. 8052-41-3

A hydrocarbon solvent useful for parts cleaning baths. Use wherever a Stoddard Solvent or Mineral Spirits is recommended. E-Z Paint Thinner does not contain any chlorinated solvent.

Use adequate ventilation to insure that fumes do not come in contact with sources of ignition such as flames and sparks. Avoid prolonged breathing of mist or vapors and prolonged or repeated skin contact. Use NIOSH/OSHA approved respirator, and chemical splash goggles to prevent eye contact.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush immediately with large amounts of water for a least 15 minutes. Call physician.
 Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.
 Inhalation: Remove victim to fresh air. Call a physician. The OSHA permissible exposure limit for stoddard solvent is 100 ppm.
 If Swallowed: Do not induce vomiting. Call a physician immediately.

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