

MATERIAL SAFETY DATA SHEET
E - Z CONCRETE SEALING COMPOUND

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- Severe	Health	1	Health	0
3 - Serious	Flammability	2	Flammability	2
2 - Moderate	Reactivity	0	Reactivity	0
1 - Slight				
0 - Insignificant				

Section 2. CHEMICAL AND PHYSICAL PROPERTIES

CHEMICAL NAME:

petroleum hydrocarbon

FORMULA:

not applicable

HAZARDOUS DECOMPOSITION PRODUCTS:

carbon monoxide and carbon dioxide from burning

Thermal decomposition may yield carbon dioxide and/or carbon monoxide. Aldehydes (including acrolein) may be produced from atmospheric oxidation and/or thermal degradation under severe pressure.

CONDITIONS TO AVOID:

Excessive heat, sparks or open flames. High surface area exposure to oxygen can result in polymerization and release of heat.

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	48	8052-41-3
1,2,4 Trimethylbenzene	2	95-63-6
Boiled Linseed Oil	50	68649-95-6

FORM:

liquid

ODOR:

mild petroleum
mild odor

APPEARANCE:

low viscosity liquid
amber liquid

COLOR:

colorless

SPECIFIC GRAVITY (water=1):

0.77
(@ 25 deg. C)
0.93 - 0.936

BOILING POINT:

greater than 154 deg. C (310 deg. F)

MELTING POINT:

not applicable

SOLUBILITY IN WATER (by weight %):

0 at 20 deg. C

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

heavier than air

pH (as is):

not applicable

STABILITY:

Product is stable under normal conditions

Spontaneous combustion can occur. See FIRE AND EXPLOSION DATA, SECTION 3.

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.

The use of self - contained breathing apparatus is recommended for fire fighters. Water spray may be used for cooling containers to prevent possible pressure build - up and auto - ignition or explosion when exposed to extreme heat. Avoid spreading from burning liquid with water used for cooling.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Avoid all ignition sources such as flames and sparks

Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Used containers may explode when exposed to extreme heat. DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH LINSEED OIL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER - FILLED METAL CONTAINER.

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.

Use foam, carbon dioxide or chemical fire fighting apparatus.

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.
If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.
Remove contaminated shoes and clothing and cleanse affected area (s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

Inhalation (Breathing): Remove victim to fresh air. Call a physician.
If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

If Swallowed: Call a physician immediately. DO NOT induce vomiting. (Vomiting may cause aspiration into lungs resulting in chemical pneumonia.)
Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious, place on the left side with the head down. If possible, do not leave victim unattended. Seek medical attention.

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.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate all non - essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate protection equipment. (See Section 5). Dike around spilled material. Cover spill with inert absorbent material and shovel with non - sparking tools into container. Remove containers to a safe area and seal.

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)

Section 8. TRANSPORTATION DATA

D. O. T.:

Regulated

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

PAINT RELATED MATERIAL [55 Gal Drum/5 Gal Pail/Gallon]
PETROLEUM DISTILLATES, N.O.S., UN1268, III (COMBUSTIBLE LIQUID) [Bulk]

U. S. D. O. T. HAZARD CLASS:

Combustible liquid

ID NUMBER:

UN 1268, PG 111, (Stoddard Solvent), ERG 128

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:

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
linseed oil	66071-03-2

LABEL INFORMATION

CAUTION! COMBUSTIBLE MIXTURE

Contains: Stoddard Solvent - CAS No. 8052-41-3
Linseed Oil - CAS No. 66071-03-2

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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