

1. Product and Company Identification

Product Code: 7805
Product Name: SL-780 20% Concrete Seal
Company Name: SUNBELT LABORATORIES
P.O. BOX 1563
STAFFORD, TX 77497
Phone Number: (281)261-4747
Web site address: www.sunbelt-labs.com
Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Flammable Liquids, Category 2
Skin Corrosion/Irritation, Category 3
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 2
Aspiration Toxicity, Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: Highly flammable liquid and vapor.
May be harmful if swallowed and enters airways.
Causes mild skin irritation.
May cause damage to through prolonged or repeated exposure.

GHS Precaution Phrases: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

GHS Response Phrases: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF exposed or concerned: Get medical attention/advice.
Get medical attention/advice if you feel unwell.
Do NOT induce vomiting.
If skin irritation occurs, get medical advice/attention.

GHS Storage and Disposal Phrases: Store in cool/well-ventilated place.
Store locked up.
Dispose of contents/container to ...

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.



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Potential Health Effects (Acute and Chronic):	May cause skin dryness or cracking. Prolonged or repeated skin contact may cause defatting and dermatitis. May result in aspiration into the lungs, causing chemical pneumonia or delayed pulmonary edema. Chronic:
Inhalation:	Causes respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.
Skin Contact:	Prolonged and/or repeated contact may cause defatting of the skin and dermatitis. Not expected to cause an allergic skin reaction. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts.
Eye Contact:	Causes eye irritation. Vapors may cause eye irritation.
Ingestion:	May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Ingestion of large amounts may cause central nervous system depression.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
64742-95-6	SC-100 Solvent	60.0 -80.0 %	
NA	Acrylamide-substituted epoxy (generic)	5.0 -15.0 %	
108-88-3	Toluene	5.0 -15.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:	
In Case of Inhalation:	If inhaled, remove to fresh air. Monitor respiratory function. If there is breathing difficulty, provide oxygen. Take this SDS. If breathing is difficult, give oxygen.
In Case of Skin Contact:	Remove contaminated clothing and shoes. Wash affected area with plenty of water for at least 15 minutes. Wash contaminated clothing and shoes before reuse. Seek medical attention. Take this SDS. In case of contact, flush skin with plenty of water. Get medical aid if irritation develops and persists.
In Case of Eye Contact:	Wash immediately with running water for at least 15 minutes, keeping the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. Take this SDS. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
In Case of Ingestion:	Rinse mouth with water. Give plenty of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.
Indication of any immediate medical attention and special treatment needed:	Keep warm and at rest. Avoid any direct contact with the product. Never give anything by mouth to an unconscious person. Symptomatic treatment should include, above all, measured of support as correction of hydro electrolytic and metabolic disturbances and respiratory failure.
Note to Physician:	Treat symptomatically and supportively.



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5. Fire Fighting Measures

Flash Pt:	> 104.00 F (40.0 C) Method Used: TAG Closed Cup
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Water may be ineffective.
Unsuitable Extinguishing Media:	Do not use water jet. Burning liquid may float on water.
Fire Fighting Instructions:	Vapors may form explosive mixtures with air. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Liquid will float and may reignite on the surface of water. Flammable liquid and vapor. May accumulate static electrical charges, and may cause ignition of its own vapors. Vapors are heavier than air and may travel to a source of ignition and flash back.
Flammable Properties and Hazards:	Vapors may spread to sources of ignition and provoke flames to retrocede. Closed containers may rupture violently when exposed to fire or excessive heat. Risk of explosion if heated under confinement. Gas/vapor explosive with air within explosion limits.
Hazardous Combustion Products:	Toxic vapors may be formed. Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment as described on section 8.
Environmental Precautions:	Avoid spillage reaches watercourses and sewerage systems. It is recommended the installation of fire alarm system and leak detection in storage and handling sites. Do not discharge directly into the environment or into the sewer system. The dilution water from fire fighting can cause pollution.
Steps To Be Taken In Case Material Is Released Or Spilled:	Isolate the leak from sources of ignition. Prevent sparks or flames. Use natural barriers or containment of spillage. Collect spilled product and place in appropriate containers. Prevent spreading over great surfaces (e.g. by damming or installing oil booms). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Dispose of this material and its container to hazardous or special waste collection point. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Use water spray to disperse the gas/vapor. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling:	Handle in accordance with good industrial hygiene and safety practice. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Keep away from clothing as well as other incompatible materials. Use personal protective equipment as required. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof
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tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Keep away from heat, sparks and flame. Avoid breathing vapor.

Precautions To Be Taken in Storing:

Provide adequate ventilation. Use explosion-proof ventilation equipment.

Store in well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable, non-oxidizing and with contention dikes to retain the product in case of leakage. Store in adequate storage tanks placed in containment basin to retain product in case of leakage.

Floors should be impenetrable, resistant to liquids and easy to clean. The floor of the depot should be impermeable and designed to form a tight basin. Engineering specifications should meet local regulations. Keep from contact with oxidizing materials. Flammables-area.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-95-6	SC-100 Solvent	No data.	No data.	No data.
NA	Acrylamide-substituted epoxy (generic)	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	No data.

Respiratory Equipment (Specify Type):

Wear appropriate breathing apparatus if air renewal not sufficient to maintain vapor under TLV.

It is recommended to use a respirator for organic vapors for exposures above half of the TLV-TWA. In cases which exposure exceed three times TLV-TWA values, use supplied air respirator (SCBA), full face-piece operated in positive pressure mode > > TLV. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection:

Chemical safety goggles. Do not wear contact lenses when working with chemicals. Wear chemical splash goggles.

Protective Gloves:

Protective gloves made of PVC. Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.):

Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize vapor concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Contact lenses should not be worn. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



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9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	aromatic odor. Clear.
pH:	NA
Melting Point:	NE
Boiling Point:	> 280.00 F (137.8 C) / 760 mm Hg.
Flash Pt:	> 104.00 F (40.0 C) Method Used: TAG Closed Cup
Evaporation Rate:	> 1
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	> 1
Specific Gravity (Water = 1):	.910 at 77.0 F (25.0 C)
Solubility in Water:	insoluble
Solubility Notes:	SOLUBLE IN ORGANIC SOLVENTS.
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	80.0 % by volume.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Reactivity:	Stable under normal conditions of storage and handling as recommended in section 7. Vapors may form explosive mixtures with air.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Strong oxidizing agents, concentrated oxygen and dinitrogen tetraoxide). Pure oxygen. Do not expose to heat or ignition sources. ignition sources, Excess heat.
Incompatibility - Materials To Avoid:	Pure oxygen. Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	On burning: combustion may produce irritating and toxic gases. Carbon monoxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	The product is stable at normal handling- and storage conditions. Product will not undergo polymerization.



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11. Toxicological Information

Toxicological Information: Not classified.
 Reproductive toxicity.
 Suspected human reproductive toxicant. Epidemiology: No information found.
 Teratogenicity: Exposure to n-butyl acetate vapors throughout gestation did not cause significant teratogenicity in rabbits, rats, or mice.
 Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

Irritation or Corrosion: Causes slightly skin irritation (in vivo assay data)

Symptoms related to Toxicological Characteristics: May be fatal if swallowed and enters airways.

Sensitization: Not classified.

Carcinogenicity/Other Information: There are in vivo studies that indicate positive results of kidney cancer. CAS# 123-86-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-95-6	SC-100 Solvent	n.a.	n.a.	n.a.	n.a.
NA	Acrylamide-substituted epoxy (generic)	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.

12. Ecological Information

Results of PBT and vPvB assessment: No data available.
 This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

Persistence and Degradability: According to the results of tests of biodegradability this product is not readily biodegradable.

Bioaccumulative Potential: Most of the hydrocarbon blocks comprising gasoline have a Log Kow > 3,, indicating these constituents have a potential to bioaccumulate.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: Regional legislation (waste):
 Federal, state and local laws should be consulted.

Waste treatment methods:
 Treatment should be carried out as established for the product, recommending routes of co-processing in cement kilns and incineration.

Waste disposal recommendations:
 Waste should be disposed as hazardous waste according to local regulations. The treatment and disposal should be evaluated specifically for each product. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, n.o.s. Toluene. (SC-100 Solvent, Toluene)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1993 **Packing Group:** III


LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Toluene.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Forbidden.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-95-6	SC-100 Solvent	No	No	No
NA	Acrylamide-substituted epoxy (generic)	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes

This material meets the EPA Yes No **Acute (immediate) Health Hazard**
'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**
for SARA Title III Sections Yes No **Fire Hazard**
311/312 as indicated: Yes No **Sudden Release of Pressure Hazard**
 Yes No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-95-6	SC-100 Solvent	TSCA: Inventory
NA	Acrylamide-substituted epoxy (generic)	TSCA: 5A(2), 12(b)
108-88-3	Toluene	CAA HAP, ODC: HAP CWA NPDES TSCA: Inventory, 8A CAIR

16. Other Information

Revision Date: 06/10/2016

Additional Information About No data available.

This Product:
Company Policy or
Disclaimer:

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. There is no assumption of liability for accuracy contained within this information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.