



# SAFETY DATA SHEET

Chemtrec 24-Hour Emergency Telephone  
Domestic North America (800) 424-9300  
International (703) 527-3887

*This SDS complies with 29 CFR 1910.1200  
(Hazard Communication) and the GHS*

## 1. Product and Supplier Identification / Product Hazard Summary

**Product:** FIBERLAY SURFACE SEAL |  
**Product No:** 06322, 06324, 0632P, 0632Q, 0632G, 0632F |  
**Trade Name:** FIBERLAY SURFACE SEAL |  
**Supplier:** Fiberlay Inc.  
24 S. Idaho St.  
Seattle, WA 98134  
(206) 782-0660

### HMIS

**HEALTH: 2**

#### \*CAUTION!

- \*May be harmful if swallowed or inhaled
- \*May be irritating to the skin eyes and respiratory tract
- \*May cause allergic skin reaction
- \*Heated material may cause thermal burns

**FLAMMABILITY: 3**

\*Warning! Flammable  
Liquid & Vapor

**REACTIVITY: 1**

\*Caution! Unstable at  
high temperatures

**SPECIFIC HAZARD: -**

-

## 2. Composition

Component	%	CAS No.
Styrene Monomer	90-95	100-42-5
Paraffin Wax	5-10	8002-74-2

## 3. Hazards Identification

**Inhalation:** After inhalation, move into fresh air. Remove victim from exposure. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.

**Skin Contact:** Immediately remove contaminated clothing. Wash the contaminated skin areas with plenty of water.

**Eye Contact:** Immediately flush with plenty of water keeping the eyelid open.

**Ingestion:** If ingested, consult a doctor and show him the packaging label.

## 4. First Aid Measures

The health hazard assessment is based on a consideration of the composition of this product.

## 5. Fire Fighting Measures

**Extinguishing Media:** Extinguishers (powder, alcohol resistant foam, CO<sup>2</sup> or B-class). Don't use Water Spray

**Specific Hazards:** By combustion, formation of toxic products-Carbon monoxide and carbon dioxide.

**Special fire-fighting procedures:** Fire fighters and others exposed to vapor or products of combustion should wear self-contained breathing apparatus (SCBA). Equipment should be thoroughly de-contaminated after use.

**Unusual fire and explosion hazards:** At elevated temperatures, such as in fire, polymerization may take place. If polymerization takes place in closed container, there is the possibility of violent rupture of the container. Product vapor may form an explosive mixture in air.

**Further prescriptions:** In case of fire, fire-fighters should wear breathing apparatus with independent air supply.

## 6. Accidental Release Measures

**Personal precaution:** Avoid contact with skin and eyes. Avoid inhaling vapors. Wear protective equipment (gloves, goggles and boots).

**Environmental precautions:** Do not release to the environment.

**Steps to be taken when material is release or spilled:** Remove all sources of ignition. Ventilate area. Absorb spill with an absorbent material such as sawdust, vermiculite or sand and place in a closed container. If large spill, dike the area to prevent this material from entering water systems or sewers. In case of washing-Acetone

**Methods for cleaning:** Absorb spillages in sand, earth or any suitable absorbent material. Transfer to a container for disposal.

## 7. Handling and Storage

**Handling:** Avoid opening cans and/or drums in un-ventilated areas to avoid concentrated vapors. Avoid breathing vapors. Avoid contact with skin and eyes.

**Storage:** It should be kept in a closed container, and store at a well-ventilated place. Avoid storage temperature above 86°F. Keep away from heat sources of ignition or direct sunlight.

## 8. Exposure Controls, Personal Protection

8 Hours (TLV-TWA)		Short Period (TLV-STEL)	
ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
50	215	-----	-----
20	-----	40 (30min)	-----
100	-----	250 (10min)	-----
50	-----	100 (15min)	-----

## 9. Physical and Chemical Properties

<b>Boiling point:</b>	293°F (145°C)-Styrene
<b>Freezing point:</b>	-23°F (-30.6°C)-Styrene
<b>Physical state:</b>	Liquid
<b>Appearance:</b>	Clear liquid containing wax
<b>Odor:</b>	Pungent
<b>Explosive Limits:</b>	Lower 1.1% Upper 6.1%-Styrene
<b>Vapor pressure:</b>	6 hPa-Styrene
<b>Specific gravity:</b>	0.9-1.0 (water=1)
<b>Vapor density:</b>	Heavier than air
<b>Solubility:</b>	Insoluble
<b>Flash point:</b>	87°F (31°C)-Styrene
<b>Auto-ignition temp:</b>	914°F (490°C)-Styrene

## 10. Stability and Reactivity

**Stability:** Stable

**Incompatibility:** Type of peroxide (MEKP, BPO, TBPB, etc.), strong acids and oxidizing agents

**Hazardous decomposition:** Heating of this material to decomposition may cause the emission of irritating acrid fumes.

**Effects of over-exposure:** Disintegration by rays of light and solar heat.

**Dangerous reaction:** Catalyst reaction induces an ionic or radical polymerization.

## 11. Toxicological Information

**Inhalation:** May be irritating to respiratory system

**Skin contact:** May cause skin irritation

**Eye contact:** May cause eye irritation

**Ingestion:** May be harmful if swallowed

**Long term exposure:** No information available

## 12. Ecological Information

No information available

## 13. Disposal Considerations

**Waste disposal method:** Incineration or landfill. Observe all federal, state and local laws concerning health and environment. Dispose in accordance with local and state regulations.

## 14. Transport Information

### Sea (IMO/IMDG)

**Proper Shipping Name:** Additive

**UN No.:** 1866

**Class:** 3

**Packing Group:** III



**Label:**

**EmS Guide:** F-E, S-E

### Air (ICAO/IATA)

**UN/ID No.:** 1866

**Class:** 3

**Packing Group:** III



**Label:**

### Land (ADR/RID, RTMDR/RTMDF)

**Transport Name:** Resin Solution

**UN No.:** 1866

**Class:** 3

**Packing Group:** III



Label:

Substance Identification No.: 1866

## 15. Regulatory Information

**EEC Labeling:** Contains Styrene Monomer

**R Phrases:** R10: Flammable  
R20: Harmful by inhalation  
R36/38: Irritating to eyes and skin

**S Phrases:** S23: Do not breathe gas/fumes/vapor/spray  
S26: In case of eye contact, immediately rinse with plenty of water and seek medical advice  
S37/39: Wear suitable gloves and eyes/face protection

**Symbols:** Xn  
Harmful

## 16. Other Information

FIBERLAY INC. believes the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in FIBERLAY products. Based on a review of the list, FIBERLAY products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to our products as ingredients, some of the listed chemicals may be present in the raw materials as received from suppliers over which we have no control.

In order to comply with the California Law, even though some of the listed substances may not represent a significant risk as defined by the regulations, we feel obligated to make the following statement:

“Warning: This product may contain trace amounts of some chemicals considered by the State of California to be carcinogens or reproductive Toxicants.”

**Preparation Date:** 12/23/2014

**Prepared by:** Fiberlay Inc

**Comments:** This Safety Data Sheet was prepared using information provided by Fiberlay Inc.

*We believe the above information is correct as of the date of this SDS. However, as this information and the conditions under which the product are used are beyond the control of Fiberlay, Inc., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.*