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

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene Monomer</td>
<td>90-95</td>
<td>100-42-5</td>
</tr>
<tr>
<td>Paraffin Wax</td>
<td>5-10</td>
<td>8002-74-2</td>
</tr>
</tbody>
</table>

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, CO₂ 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

<table>
<thead>
<tr>
<th>8 Hours (TLV-TWA)</th>
<th>Short Period (TLV-STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td>mg/m³</td>
</tr>
<tr>
<td>50</td>
<td>215</td>
</tr>
<tr>
<td>20</td>
<td>-----</td>
</tr>
<tr>
<td>100</td>
<td>-----</td>
</tr>
<tr>
<td>50</td>
<td>-----</td>
</tr>
</tbody>
</table>

### 9. Physical and Chemical Properties

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

3
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.*