# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Name:** Seal-All  
**General Use:** Acrylic Floor Sealer Solution  
**Manufacturer Name:** Texas Correctional Industries  
**Date Issued:** September 2016  
**Supersedes:** May 2015

**Emergency Telephone Numbers**  
- Galveston Texas Poison Control: 1-800-764-7661  
- Roach Soap & Detergent Plant Lab: 940-937-6364 EXT. 7392  
- SDS available at: www.tci.tdcj.texas.gov  
- Monday thru Thursday: 5:30 AM – 3:30 PM

## SECTION 2 - HAZARD IDENTIFICATION

**Primary Route of Exposure**  
Eyes, Skin, Oral

**Signs and Symptoms of Over Exposure (acute)**  
- **Eyes:** May cause eye irritation  
- **Skin:** May cause redness or rash  
- **Ingestion:** May cause gastrointestinal irritation  
- **Inhalation:** May be irritant to the respiratory tract

**Signs and Symptoms of Over Exposure (chronic):** Eye, skin irritation

**Medical condition aggravated by over exposure:** Not known

**Carcinogen or suspect of carcinogen ingredients:** None

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical/Common Name</th>
<th>CAS No.</th>
<th>Percent</th>
<th>ACGIH/OSHA (TWA)</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>111-76-2</td>
<td>&gt;1.0</td>
<td>25 ppm</td>
<td>N/D</td>
</tr>
<tr>
<td><strong>Dibutyl Phthlate</strong></td>
<td>84-74-2</td>
<td>&gt;1.0</td>
<td>5 ppm</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

N/A = Not Applicable  
N/D = Not Determined

* Listed: 29 CFR 1910.1000 Subpart Z; 40CFR - SARA Title III, Section 313  
** Listed: 40 CFR - SARA Title III, Section 313; CERCLA RQ = 10 lbs

## SECTION 4 - FIRST AID MEASURES

**Eyes:** Flush with plenty of water for at least 15 min. If irritation persists, get medical attention.  
**Skin:** Flush with large amount of water. Remove contaminated clothing and seek medical attention if irritation persists.  
**Ingestion:** Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting unless directed by physician.  
**Inhalation:** Move person to fresh air. Give artificial resuscitation (CPR) if person is not breathing.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flammable Limit:** N/A  
**Physical Hazard:** None  
**Extinguishing Media:** Water, Foam, Dry Chemicals, or Carbon Dioxide  
**Fire Extinguishing Procedure:** Use of respiratory equipment is recommended in enclosed areas

*1 of 8*
**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Steps to be taken if released or spilled: Adequately ventilate the area. Use a NIOSH approved respirator as necessary with high vapor concentration. Contain liquid and absorb with commercial absorbent materials. Avoid the release of large quantities into water outfalls or water treatment facilities. Mop or soak up all materials practical for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Store in a cool dry ventilated area. Protect from freezing. Keep containers closed when not in use. Avoid any skin contact. Always wash your hands after using and before eating. Keep out of the reach of children. Storage temperatures above 100°F are not recommended.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Respiratory Protection</th>
<th>None required with normal use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation Requirement</td>
<td>Local exhaust. Maintain adequate ventilation</td>
</tr>
<tr>
<td>Protective Gloves</td>
<td>Yes. Rubber or neoprene</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>Goggles or glasses</td>
</tr>
</tbody>
</table>

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

| Vapor Pressure                | N/D                           |
| Specific Gravity (water = 1)  | 1.03                          |
| Solubility in Water           | Emulsion                      |
| pH                            | 8.5 - 9.5                     |
| Boiling Point                 | > 200°F                       |
| Appearance and Odor           | Opaque white liquid, mild ammonia odor |

**SECTION 10 - STABILITY AND REACTIVITY**

| Hazardous Decomposition       | Oxides of Carbon and Nitrogen. HF gas |
| Stability                     | Stable                           |
| Incompatibility               | Strong acids and oxidizing agents |

NOTE: The C### notation below refers to a principal component based on the amount present in the product which may involve trade secret chemicals. In the event of an accident, notify the Poison Control Center for more information.
SECTION 11 – TOXICOLOGICAL INFORMATION

C001

TOXICITY DATA: No LD/LC50 Data Available

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists:

FEDERAL: OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product is not considered a sensitizor.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

C066

TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Eye contact, skin absorption, inhalation or ingestion.

ACUTE TOXICITY: NO data available.

CARCINOGENICITY: The following components of this material are listed as carcinogens by

IARC, NTP or OSHA: IARC NTP OSHA
1,4 Dioxane 2B X

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: No data available.

CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

C003

Emergency Overview: POISON! DANGER!
CORROSIVE. MAY BE FATAL IF SWALLOWED OR INHALED.
MIST AND VAPOR CAUSE BURNS TO EVERY AREA OF CONTACT.

Potential Health Effects:

Inhalation: Vapors and mists cause irritation to the respiratory tract. Higher concentrations can cause burns, pulmonary edema and death. Brief exposure to 5000 ppm can be fatal.

Ingestion: Toxic! May cause corrosion to the esophagus and stomach with perforation and peritonitis. Symptoms may include pain in the mouth, chest, and abdomen, with coughing, vomiting and collapse. Ingestion of as little as 3-4 mL may be fatal.

Skin Contact: Causes irritation and burns to the skin.

Eye Contact: Vapors cause irritation. Splashes cause severe pain, eye damage, and permanent blindness.
Seal-All, Date Issued: September 2016

Chronic Exposure: 
Repeated exposure may cause damage to the tissues of the mucous membranes, upper respiratory tract, eyes and skin.

Aggravation of Pre-existing Conditions: 
Persons with pre-existing eye disorders or impaired respiratory function may be more susceptible to the effects of this material.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System:)
No data available.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System:)
No data available.

Acute Toxicity: 
For Ammonium Hydroxide:
Oral rat LD50: 350 mg/kg; eye, rabbit, standard Draize, 250 ug; severe investigated as a mutagen.

For Ammonia: 
Inhalation rat LC50: 2000 ppm/4-hr
Investigated as a tumorigen, mutagen.
SECTION 12 – ECOLOGICAL INFORMATION

C001

ENVIRONMENTAL STABILITY: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

EFFECT ON PLANTS/ANIMALS: No evidence is currently available on this product’s effects on plants or animals.

EFFECT ON AQUATIC LIFE: No evidence is currently available on this product’s effects on aquatic life.

C066

ECOLOGICAL INFORMATION: No data available.

C003

Ecotoxicity: Expected to be very toxic to aquatic life.
- 24 Hr LC50 rainbow trout: 0.008 mg/L
- 96 Hr LC50 fathead minnow: 8.2 mg/L
- 48 Hr LC50 bluegill: 0.024 mg/L
- 48 Hr EC50 water flea: 0.66 mg/L

Persistence and Degradability: Expected to be readily biodegradable.

Bioaccumulative Potential: This material is not expected to significantly bioaccumulate.

Mobility in Soil: This product is water soluble and will move readily in soil and water.

Other adverse effects: US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

SECTION 13 – DISPOSAL CONSIDERATIONS

C001

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

C066

WASTE DISPOSAL INFORMATION: Dispose in accordance with all applicable federal, state, and local regulations.

RCRA INFORMATION: If this material becomes a waste, it would not be considered hazardous under 40 CFR 261.

C003

Very toxic to aquatic organisms. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste,
this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

### SECTION 14 – TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>C001</th>
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</thead>
<tbody>
<tr>
<td><strong>THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 112.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION:</strong></td>
</tr>
<tr>
<td><strong>PROPER SHIPPING NAME:</strong></td>
</tr>
<tr>
<td><strong>HAZARD CLASS NUMBER and DESCRIPTION:</strong></td>
</tr>
<tr>
<td><strong>UN IDENTIFICATION NUMBER:</strong></td>
</tr>
<tr>
<td><strong>PACKING GROUP:</strong></td>
</tr>
<tr>
<td><strong>DOT LABEL(S) REQUIRED:</strong></td>
</tr>
<tr>
<td><strong>NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):</strong></td>
</tr>
<tr>
<td><strong>MARINE POLLUTANT:</strong></td>
</tr>
<tr>
<td><strong>U.S. DOT SHIPPING REGULATIONS:</strong></td>
</tr>
<tr>
<td><strong>INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):</strong></td>
</tr>
<tr>
<td><strong>INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C066</th>
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</thead>
<tbody>
<tr>
<td><strong>TRANSPORT INFORMATION DOT INFORMATION:</strong></td>
</tr>
<tr>
<td><strong>Proper shipping name:</strong></td>
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<tr>
<td><strong>DOT Hazardous Class:</strong></td>
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<tr>
<td><strong>Hazardous Components:</strong></td>
</tr>
<tr>
<td><strong>REPORTABLE QUANTITY:</strong></td>
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<table>
<thead>
<tr>
<th>C003</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN Number:</strong></td>
</tr>
<tr>
<td><strong>UN Proper Shipping Name:</strong></td>
</tr>
<tr>
<td><strong>Packing Group:</strong></td>
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</tbody>
</table>
SECTION 15 – REGULATORY INFORMATION

SARA REPORTING REQUIREMENTS:
SARA 313 - Diethylene Glycol Monoethyl Ether
CAS# 111-90-0 <10%
All components in this product are listed on the US
Toxic Substances Control Act (TSCA) inventory of
chemicals.

SARA 311/312:
Acute Health: Yes
Chronic Health: No
Fire: No
Reactivity: No

U.S. SARA THRESHOLD
PLANNING QUANTITY:
There are no specific Threshold Planning Quantities
for this product.

U.S. CERCLA REPORTABLE
QUANTITY (RQ):
NONE

CALIFORNIA PROPOSITION 65;
None of the ingredients are on the California
Proposition 65 list.

US FEDERAL REGULATIONS
TSCA Status:
The intentional components of this product are listed.

CERCLA Reportable Quantities
40 CFR 355 APPENDIX A:
None

SARA 313 40 CFR 372.65:
1,4 Dioxane (123-91-1), < 0.5%

California Hazardous Substance List:
1,4 Dioxane (123-91-1)

Massachusetts Right to Know:
1,4 Dioxane (123-91-1)

New Jersey Right to Know:
1,4 Dioxane (123-91-1)

Pennsylvania Right to Know:
1,4 Dioxane (123-91-1)

Federal, State &
International Regulations

SARA 302/313:
None

CERCLA Ammonium Hydroxide (1336-21-6) 1000
Poison Schedule: S6

According to
Annex II of MARPOL 73/78 and
the IBC Code

Special Precautions for User:
Warning: Corrosive Substances
SECTION 16 – OTHER INFORMATION


*SDS updated by: Timothy Sharpe, TCI Chemist, Childress, TX

Note: Product should be used as directed on the label and no other use is permitted. No warranty is implied expressly or otherwise regarding the accuracy of the information in the product’s suitability for the consumer’s use and the outcome of its use. The technical accuracy of the information submitted herein is based on the data submitted to TCI by the manufacturers for the materials used in this finished product.