SECTION 1 - IDENTIFICATION

Product Name: Seal-All
General Use: Acrylic Floor Sealer Solution
Manufacturer Name: Texas Correctional Industries
Roach Soap & Detergent Plant
15845 FM 164
Childress, TX 79201

Emergency Telephone Numbers
Texas Poison Center Network (TPCN) : 1-800-222-1222
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)

<table>
<thead>
<tr>
<th>Route</th>
<th>Signs and Symptoms of Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>May cause eye irritation</td>
</tr>
<tr>
<td>Skin</td>
<td>May cause redness or rash</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause gastrointestinal irritation</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May be irritant to the respiratory tract</td>
</tr>
</tbody>
</table>

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

GHS Hazard Numbers: H320, H401, H410

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>*Ethylene glycol butyl ether</td>
<td>111-76-2</td>
<td>&gt;1.0</td>
<td>25 ppm</td>
<td>N/D 1%</td>
</tr>
<tr>
<td>**Dibutyl Phthalate</td>
<td>84-74-2</td>
<td>&gt;1.0</td>
<td>5 ppm</td>
<td>5 mg/m³ 1%</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
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
Respiratory Protection
None required with normal use
Ventilation Requirement
Local exhaust. Maintain adequate ventilation
Protective Gloves
Yes. Rubber or neoprene
Eye Protection
Goggles or glasses

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 sensitizer.

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:

<table>
<thead>
<tr>
<th>Component</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,4 Dioxane</td>
<td>2B</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

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.
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>
</tr>
</thead>
<tbody>
<tr>
<td>THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 112.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION:</td>
</tr>
<tr>
<td>PROPER SHIPPING NAME: Non-Regulated Material</td>
</tr>
<tr>
<td>HAZARD CLASS NUMBER and DESCRIPTION: None</td>
</tr>
<tr>
<td>UN IDENTIFICATION NUMBER: None</td>
</tr>
<tr>
<td>PACKING GROUP: None</td>
</tr>
<tr>
<td>DOT LABEL(S) REQUIRED: None</td>
</tr>
<tr>
<td>NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None</td>
</tr>
<tr>
<td>MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CPR 172.101, Appendix B)</td>
</tr>
<tr>
<td>U.S. DOT SHIPPING REGULATIONS: not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.</td>
</tr>
<tr>
<td>INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA:</td>
</tr>
<tr>
<td>INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.</td>
</tr>
<tr>
<td>C066</td>
</tr>
<tr>
<td>TRANSPORT INFORMATION DOT INFORMATION: 49CFR172.101</td>
</tr>
<tr>
<td>Proper shipping name: Compounds, Cleaning, Liquid-NOS</td>
</tr>
<tr>
<td>DOT Hazardous Class: Non-hazardous, non-regulated</td>
</tr>
<tr>
<td>Hazardous Components: None</td>
</tr>
<tr>
<td>REPORTABLE QUANTITY: 49 CFR 172.101: Not applicable</td>
</tr>
<tr>
<td>C003</td>
</tr>
<tr>
<td>UN Number: UN2672</td>
</tr>
<tr>
<td>UN Proper Shipping Name: AMMONIA SOLUTIONS (WITH 10-35% AMMONIA)</td>
</tr>
<tr>
<td>Packing Group: III</td>
</tr>
</tbody>
</table>
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 CFR355 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
Maritime Transport IMDG/GGVSea
Transport Hazard Class(es): 8
Marine Pollutant: No
Air Transport MARPOL 73/78 and the IBC Code
SECTION 16 – OTHER INFORMATION

Federal Hazardous Substances Act statutes and Consumer Product Safety Commission regulations: 16 CFR 1500.14(b)(3) and 1500.83(c)(13).

*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.