

SAFETY DATA SHEET

Texas Correctional Industries
Texas Department of Criminal Justice

Date September 2016

Issued:

Supersedes: May 2015

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

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

Chemical/Common Name	CAS No.	Percent	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
*Ethylene glycol butyl ether	111-76-2	>1.0	25 ppm	N/D	1%
**Dibutyl Phthlate	84-74-2	>1.0	5 ppm	5 mg/m ³	1%

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

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:

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 1 2 – 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 products effects on plants or animals.

EFFECT ON AQUATIC LIFE: No evidence is currently available on this products 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 1 3 – 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

C001

THIS PRODUCT IS HAZARDOUS AS
DEFINED BY 49 CFR 112.101
BY THE U.S. DEPARTMENT OF
TRANSPORTATION:

PROPER SHIPPING NAME:	Non-Regulated Material
HAZARD CLASS NUMBER and DESCRIPTION:	None
UN IDENTIFICATION NUMBER:	None
PACKING GROUP:	None
DOT LABEL(S) REQUIRED:	None
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):	None

MARINE POLLUTANT:	None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)
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U.S. DOT SHIPPING REGULATIONS:	not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172_101.
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INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):	This product is not classified as Dangerous Goods, by rules of IATA:
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INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:	This product is not classified as Dangerous Goods by the International Maritime Organization.
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C066

TRANSPORT INFORMATION DOT INFORMATION:	49CFR172.101
Proper shipping name:	Compounds, Cleaning, Liquid-NOS
DOT Hazardous Class:	Non-hazardous, non-regulated
Hazardous Components:	None
REPORTABLE QUANTITY:	49 CFR 172.101: Not applicable

C003

UN Number:	UN2672
UN Proper Shipping Name:	AMMONIA SOLUTIONS (WITH 10-35% AMMONIA)
Packing Group:	III

SECTION 15 – REGULATORY INFORMATION
C001

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS:

SARA 313 - Diethylene Glycol Monoethyl Ether
CAS#111-90-0 <10%

TSCA:

All components in this product are listed on the US
Toxic Substances Control Act (TSCA) inventory of
chemicals.

Maritime
Transport
IMDG/
GGVSea

SARA 311/312:

Acute Health: Yes
Chronic Health: No
Fire: No
Reactivity: No

Transport
Hazard
Class(es):

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.

8

C066

Marine
Pollutant:

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)

No
Air
Transport
ICAO-
TI and
IATA-
DGR
Transport
Hazard
Class(es):

C003

Federal, State &
International Regulations

SARA 302/313:

None

8

CERCLA Ammonium Hydroxide (1336-21-6) 1000

Poison Schedule:

S6

Transport
in
Bulk

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

Special Precautions for User:

Warning: Corrosive Substances

SECTION 16 – OTHER INFORMATION

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