

ACCELERA® RX Resin SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: ACCELERA® RX Resin

Recommended use: Floor Surfacing

Manufacturer Name: Dur-A-Flex, Inc.
95 Goodwin Street
East Hartford, CT 06108

Telephone number: 860-528-9838

Emergency phone number: 1-800- 424-9300 (CHEMTREC)

Date of Preparation: March 5, 2021

2. HAZARD(S) IDENTIFICATION

This product is one part of a 3 part product. Read and understand the hazard information on the SDS for ACCELERA® RX Hardener and ACCELERA® RX Aggregate before using this product.

Classification:

Physical	Health
Not Hazardous	Eye Damage Category 1 Skin Sensitization Category 1 Toxic to Reproduction Category 1B

Labeling:

Danger!



Hazard statement(s)

Causes serious eye damage.
May cause an allergic skin reaction.
May damage fertility or the unborn child.

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing mist, vapors or spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing and eye protection.

Precautionary statement(s)

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
IF exposed or concerned: Get medical attention.
Store locked up.
Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Castor Oil	8001-79-4	15-20
3-oxazolidineethanol, 2-(1-methylethyl)-,3,3"-carbonate	145899-78-1	5-10
Petroleum distillates	64742-47-8	1-5
Organotin mercaptide	Proprietary	<0.5
Non-Hazardous Polymers	Mixture	Balance

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash occurs, get medical attention. Launder clothing before re-use.

Eye contact: Immediately flush with large quantities of water for at least 20 minutes, holding the eyelids apart. Get immediate medical attention.

Ingestion: If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. DO NOT INDUCE VOMITING. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause severe eye irritation with possible burns and damage. May cause allergic skin reaction. Inhalation of vapors or mists may cause irritation of mucous membranes and upper respiratory tract. May cause adverse reproductive effects.

Indication of immediate medical attention and special treatment, if necessary: For eye contact, get immediate attention.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use water spray, foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.

Specific hazards arising from the chemical: Combustion may produce carbon and nitrogen oxides, aldehydes, ammonia, and hydrocarbon fragments.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing as described in Section 8.

Environmental precautions: Prevent release to the environment. Report releases as required by local, state and federal authorities.

Methods and materials for containment and cleaning up: Contain and collect with an inert absorbent. Place into an appropriate container for disposal. Caution slip hazard. Wash spill site with soap and water.

7. HANDLING AND STORAGE

Precautions for safe handling: Prevent contact with eyes. Avoid contact with skin and clothing. Do not breathe vapors or mists. Wash thoroughly after handling and before eating, drinking, smoking or using the toilet. Do not taste or swallow. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from physical damage. Store away from oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Castor Oil	5 mg/m3 (respirable) 15 mg/m3 (total) TWA OSHA PEL (as vegetable oil mist)
3-oxazolidineethanol, 2-(1-methylethyl)-,3,3"-carbonate	None Established
Petroleum distillates	1200 mg/m3 TWA manufacturer recommended
Organotin mercaptide	0.1 mg/m3 TWA OSHA PEL 0.1 mg/m3 TWA, 0.2 mg/m3 STEL skin ACGIH TLV
Non-Hazardous Polymers	None Established

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposures below occupational exposure limits.

Personal Protective Equipment:

Respiratory protection: If the exposures are exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter or supplied air respirator is recommended. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin protection: Wear impervious gloves.

Eye protection: Chemical safety goggles recommended.

Other: Impervious clothing as needed to avoid skin contact. An eye wash should be available in the immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Clear colorless to light yellow liquid

Odor: Mild odor

Odor threshold: Not available	pH: Not available
Melting Point/Freezing Point: Not available	Boiling Point: Not available
Flash point: 168.8 °F / 76°C (estimated)	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density: Not available
Relative density: Not available	Solubility(is): Partially soluble in water

Partition coefficient: n-Octanol/water: Not applicable	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: None known.

Chemical stability: Stable

Possibility of hazardous reactions:

Conditions to avoid: Keep away from excessive heat and flame.

Incompatible materials: Avoid contact with oxidizing agents, acids and bases.

Hazardous decomposition products: Thermal decomposition may produce carbon and nitrogen oxides, aldehydes, ammonia and hydrocarbon fragments.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of vapors and mists may cause mucous membrane and upper respiratory tract irritation.

Ingestion: Swallowing may cause irritation to the mouth, throat and stomach with nausea, vomiting and diarrhea.

Skin contact: May cause mild irritation. May cause allergic skin reaction.

Eye contact: May cause severe irritation or burns with redness, tearing, stinging and swelling. May cause permanent damage.

Chronic effects from short- and long-term exposure: None known.

Reproductive Toxicity: Animal studies with organotin mercaptide have shown teratogenic effects.

Sensitization: 33-oxazolidineethanol, 2-(1-methylethyl)-,3,3"-carbonate has been shown to cause sensitization in studies with laboratory animals.

Mutagenicity: Animal studies with organotin mercaptide have shown to have mutagenic properties and is classified as a category 2 germ cell mutagen.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values: No toxicity data for the product.

Castor Oil: Not acutely toxic

3-oxazolidineethanol, 2-(1-methylethyl)-,3,3"-carbonate: No data available

Petroleum distillates: Oral rat LD50 >2000 mg/kg, Dermal rabbit LD50 >2000

Organotin mercaptide: Oral ATE 505 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Castor Oil: No data available. Not classified as harmful to aquatic organisms.

3-oxazolidineethanol, 2-(1-methylethyl)-,3,3"-carbonate: No data available

Petroleum distillates: No data available

Organotin mercaptide: No data available

Persistence and degradability: No data available.

Bioaccumulative potential: No data available

Mobility in soil: No data available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not regulated			None
TDG		Not regulated			None
IMDG		Not regulated			None
IATA		Not regulated			None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations

SARA Hazard Category (311/312): Refer to Section 2 for the OSHA Hazard Classification

SARA 313 Information: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

California Proposition 65

This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects): Formaldehyde, 1,4-dioxane (cancer) Ethylene Glycol (developmental toxicity)

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

16. OTHER INFORMATION

NFPA Rating: Health = 3 Flammability = 1 Instability = 0
HMIS Rating: Health = 3 Flammability = 1 Physical Hazard = 0

SDS Revision History: New SDS.

Date of preparation: August 5, 2020

Date of last revision: New SDS

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Dur-A-Flex, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND USE.