

## Accelera BP SAFETY DATA SHEET

**1. IDENTIFICATION**

**Product Identifier:** Accelera BP

**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:** August 20, 2020

**2. HAZARD(S) IDENTIFICATION**

**Classification:**

Physical	Health
Flammable Liquid Category 4	Skin Irritation Category 2 Eye Damage Category 1

**Labeling:**

**Danger!**



**Hazard statement(s)**

Combustible liquid  
Causes skin irritation.  
Causes serious eye damage.

**Precautionary statement(s)**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Wash thoroughly after handling.  
Wear protective gloves and eye protection.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation 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.  
In case of fire: Use water fog, carbon dioxide, dry chemical or foam to extinguish.  
Store in a well-ventilated place. Keep cool.

Dispose of contents and container in accordance with local and national regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Alkoyxsilane	Proprietary	70-100%
Organomethoxysilane	Proprietary	0-5%
Methanol (impurity)	67-56-1	<1%

**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 irritation occurs or breathing is difficult, get medical attention.

**Skin contact:** Remove contaminated clothing. Wash with soap and water. If irritation develops, get medical attention.

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

**Ingestion:** If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention. This product reacts with acids, bases and water to produce methanol. If swallowed, methanol may be produced in the digestive tract causing methanol poisoning.

**Most important symptoms/effects, acute and delayed:** Causes severe eye irritation or burns. Permanent damage may occur. Causes skin irritation. Inhalation of mists may cause respiratory tract irritation. Ingestion may cause nausea, vomiting and diarrhea. This product reacts with acids, bases and water to produce methanol. Methanol is toxic if swallowed, inhaled or absorbed through the skin, causing damage to the central nervous system and blindness.

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

### 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use water fog, carbon dioxide, dry chemical or foam to extinguish. Do not use a water jet.

**Specific hazards arising from the chemical:** Combustible liquid. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Closed containers may explode if exposed to extreme heat. Combustion may produce oxides of carbon, nitrogen and silicon.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid contact with skin, eyes or clothing. Avoid breathing mists. Wear appropriate protective clothing as described in Section 8. Eliminate all ignition sources. Ventilate the area.

**Environmental precautions:** Avoid 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. Use non-sparking tools and equipment.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Prevent contact with eyes. Avoid contact with skin and clothing. Avoid breathing mists. Wash thoroughly after handling and before eating, drinking, smoking or using the toilet. Use with adequate ventilation.

Contact with water or aqueous solution may cause an exothermic reaction producing heat and methanol. This reaction may cause the temperature of the solution to exceed the flashpoint of the new solution. If a water solution is needed, add the product to the water so the temperature may be controlled.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well ventilated area. Keep container tightly closed when not in use. Protect from physical damage. Keep away from oxidizers and other incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure guidelines:

Alkoxysilane	None Established
Organomethoxysilane	None Established
Methanol	200 ppm TWA OSHA PEL 200 ppm TWA, 250 ppm STEL ACGIH TLV skin

**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 excessive, 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 to avoid skin contact.

**Eye protection:** Chemical safety goggles are recommended if contact is possible. .

**Other:** Impervious clothing as needed to prevent 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:** Amine-like odor

<b>Odor threshold:</b> Not available	<b>pH:</b> Not available
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<b>Melting Point/Freezing Point:</b> Not available	<b>Boiling Point:</b> 410-419°F (210-215°C)
<b>Flash point:</b> >141.8°F (>61°C)	<b>Evaporation rate:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not available	<b>UEL:</b> Not available
<b>Vapor pressure:</b> <0.66 kPa @25°C	<b>Vapor density:</b> >1
<b>Relative density:</b> 1.01	<b>Solubility(is):</b> Soluble in water
<b>Partition coefficient: n-Octanol/water:</b> Not applicable	<b>Auto-ignition temperature:</b> >392°C (>200°C)
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> Not available

## 10. STABILITY AND REACTIVITY

**Reactivity:** Reacts with water to produce heat and methanol.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** May polymerize with amines, mercaptans and Lewis acids.

**Conditions to avoid:** Avoid heat, sparks and open flames. Contact with water produces heat and methanol.

The exothermic reaction can cause the temperatures of the solution to exceed the flashpoint of the new solution.

**Incompatible materials:** Avoid contact with water, oxidizing agents, acids and alkalies.

**Hazardous decomposition products:** Thermal decomposition may produce oxides of carbon, nitrogen and silicon.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Excessive inhalation of mists may cause mucous membrane and upper respiratory tract irritation.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea and diarrhea. If ingested, this product may produce methanol causing damage to the central nervous system and blindness.

**Skin contact:** Causes skin irritation with redness, itching and pain.

**Eye contact:** Causes severe eye irritation or burns with redness, tearing, stinging and swelling. Permanent damage may occur.

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

**Reproductive Toxicity:** This product is not expected to cause adverse reproductive or developmental effects.

**Sensitization:** The product did not cause sensitization in an OECD 406 skin sensitization study with guinea pigs.

**Mutagenicity:** No data available. This product is not expected to cause mutagenic activity.

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

**Acute Toxicity Values:**

Product: Oral rat LD50 3,000 mg/kg, Dermal rabbit LD50 11,000 mg/kg,

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Product: No toxicity data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** LogPow: Product: 0.2 This suggest the potential for bioaccumulation is low.

**Mobility in soil:** No data available.

**Other adverse effects:** This product is not expected to be harmful to the aquatic environment.

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION**

	<b>UN Number</b>	<b>Proper shipping name</b>	<b>Hazard Class</b>	<b>Packing Group</b>	<b>Environmental Hazard</b>
<b>DOT (in container &lt;119 gallons)</b>	None	Not Regulated	None	None	None
<b>DOT (in container &gt;119 gallons)</b>	NA1993	Combustible Liquid n.o.s. (Alkoyxilane)	Combustible Liquid	PG III	None
<b>TDG</b>	None	Not Regulated	None	None	None
<b>IMDG</b>	None	Not Regulated	None	None	None
<b>IATA</b>	None	Not Regulated)	None	None	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 has a reportable quantity of 500,000 lbs based on the RQ of methanol of 5000 lbs present <1%. 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):**

Methanol below the deminimus concentration.

**California Proposition 65**

This product contains the following chemicals known to the State of California to cause cancer or reproductive toxicity (birth defects):

Methanol                      67-56-1                      <1                      developmental

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

**Canadian CEPA:** All of the ingredients in this product are listed on the Canadian DSL.

<b>16. OTHER INFORMATION</b>
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**NFPA Rating:** Health = 3    Flammability = 2    Instability = 0  
**HMIS Rating:** Health = 3    Flammability = 2    Physical Hazard = 0

**SDS Revision History:** Revision to Section 15.

**Date of preparation:** August 20, 2020

**Date of last revision:** September 14, 2016

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.**