

Dur-A-Tex #32 Liquid SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier: Dur-A-Tex #32 Liquid

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 3, 2015

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not Hazardous	Not Hazardous

Labeling: None Required

3. COMPOSITION / INFORMATION ON INGREDIENTS
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Chemical name	CAS No.	Concentration
Propylene Glycol	57-55-6	30-50%
Acrylic Copolymer Resin	Proprietary	20-40%
Alkyl Phenol Ethoxylate	9036-19-5	<3%
Ammonia	7664-41-7	0.1-0.5%

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation develops, get medical attention.

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

Eye contact: Flush eyes with water, holding eyelids open. If irritation persists, get medical attention.

Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms/effects, acute and delayed: May cause mild eye and skin irritation. Inhalation of vapors and mists may cause upper respiratory tract irritation.

Indication of immediate medical attention and special treatment, if necessary: None required under normal conditions of use.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: This product will not burn until the water has evaporated. Excessive heat may cause containers to burst. Combustion may produce carbon monoxide, carbon dioxide, ammonia, aldehydes and organic acids.

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: Wear appropriate protective clothing as described in Section 8.

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 with an absorbent material and place into a container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Use with adequate ventilation.

This product contains a small amount of ammonia which may be released over time and trapped in the headspace of the container. Avoid opening containers in confined spaces or in unventilated areas to avoid exposure to concentrated ammonia vapors.

Do not allow this product to dry on skin. This product is an aqueous dispersion of a polymer and may be difficult to remove from the skin once dried.

Conditions for safe storage, including any incompatibilities: Store in a cool, well-ventilated area away from oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Propylene Glycol	10 mg/m ³ TWA AIHA WEEL
Acrylic Copolymer Resin	None Established
Alkyl Phenol Ethoxylate	None Established
Ammonia	50 ppm TWA OSHA PEL 25 ppm TWA, 35 ppm STEL ACGIH TLV

Appropriate engineering controls: Use with adequate general (equivalent to outdoors) or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Respiratory protection: If the exposures limits are exceeded, a NIOSH approved respirator with an organic vapor respirator with dust/mist prefilters 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 nitrile rubber gloves to avoid skin contact.

Eye protection: Chemical safety goggles recommended to avoid eye contact. .

Other: Impervious clothing as needed to prevent contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Milky white liquid.

Odor: Slight ammonia odor.

Odor threshold: 5.75 ppm (ammonia)	pH: Not applicable
Melting Point/Freezing Point: Not available	Boiling Point: 212°F /100°C
Flash point: >200°F / 93.3°C	Evaporation rate (butyl acetate = 1): <1
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density (air = 1): <1
Relative density: >1	Solubility(is): Insoluble
Partition coefficient: n-Octanol/water: Not applicable	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: Not expected to be reactive.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None known.

Incompatible materials: Avoid strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition may produce carbon monoxide, carbon dioxide, ammonia, aldehydes and organic acids.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation of vapors or mists may cause upper respiratory tract irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea and diarrhea.

Skin contact: May cause mild skin irritation with redness and drying of the skin.

Eye contact: May cause mild irritation with redness and tearing.

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: This product has not been shown to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

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

Acute Toxicity Values:

Propylene Glycol: Oral rat LD50 22000 mg/kg, Inhalation rabbit LC50 >317.042 mg/L/2 hr, Dermal rabbit LD50 >2000 mg/kg

Acrylic Copolymer Resin: No toxicity data available

Alkyl phenol ethoxylate: No toxicity data available

Ammonia: Oral rat LD50 350 mg/kg, Inhalation rat LC50 2.46 mg/kg/4 hr,

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Propylene Glycol: 96 hr LC50 *Oncorhynchus mykiss* 40613 mg/L, 48 hr EC50 *Ceriodaphnia dubia* 18340 mg/L, 72 hr EC50 *Pseudokirchnerella subcapitata* 24200 mg/L

Acrylic Copolymer Resin: No data available

Alkyl phenol ethoxylate: 96 hr LC50 *Oncorhynchus mykiss* 7.2 mg/L, 48 hr EC50 *daphnia magna* 8.6 mg/L, 96 hr EC50 *Pseudokirchnerella subcapitata* 0.21 mg/L

Ammonia: 96 hr LC50 *Oncorhynchus mykiss* 11-48 mg/L, 48 hr EC50 *daphnia magna* 101 mg/L

Persistence and degradability: Propylene glycol is readily biodegradable.

Bioaccumulative potential: Propylene glycol has a BCF of 3.

Mobility in soil: Propylene glycol is highly mobile in soil.

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	None	Not Regulated	None	None	None
TDG	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA	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 (RQ) of 20,000 lbs. (based on the RQ for Ammonia of 100 lbs). Releases above the RQ must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under applicable federal, state and local regulations.

SARA Hazard Category (311/312): Not hazardous

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): None known

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

CANADA:

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

Canadian WHMIS Classification: Not a controlled product

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Rating: Health = 1 Flammability = 0 Instability = 0

HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: Converted to GHS format. All sections revised.

Date of preparation: March 3, 2015

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.