



**DUR-A-FLEX**  
INNOVATION FROM THE FLOOR UP

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

# Material Safety Data Sheet

Date Prepared 8/2/2010

<b>SECTION I - IDENTIFICATION</b>	HAZARD RATING 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health	1
		Flammability	1
		Reactivity	0
		Personal Protection	B
IDENTITY (As Used on Label)		Dur-A-Tex #32	
COMMON NAME		Acrylic Emulsion for Cement Mortar	

SECTION II - PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Water	7732-18-5	N.E. <sup>2</sup>	N.E.
Acrylic Copolymer Resin	Propriety <sup>1</sup>	N.E.	N.E.
Propylene Glycol	57-55-6	N.E.	N.E.
Ammonia <sup>3</sup>	7664-41-7	50ppm	25ppm

<sup>1</sup>The manufacturer of this component states that they will provide additional information to a health professional in the event of a medical emergency.

<sup>2</sup>N.E. = None Established

<sup>3</sup>Ammonia is regulated by 40 CFR 372, SARA III, Section 313.

T.S.C.A. Status - O.K. on all components

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212°F	Specific Gravity (H2O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	<1	Evaporation rate (Butyl Acetate = 1)	<1
Solubility in Water	Complete.	Volatile Organic Compounds (VOC) = Zero grams/liter	
Appearance and Odor	Milky liquid. Slight ammonia odor.		

## SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	>200°F	Flammable Limits	LEL	UEL
			N/A	N/A

Extinguishing Media Foam, Dry Chemical, CO<sub>2</sub>, Water fog.

Special Firefighting Procedures

Water may be used to cool closed containers to prevent pressure build-up.

Unusual Fire and Explosion Hazards

This material will not support combustion unless the water has evaporated.

## SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	None known.
Incompatibility (Materials to Avoid)		Strong oxidizers.	
Hazardous Decomposition or Byproducts		Fire, Carbon Dioxide, Carbon Monoxide, Oxides of nitrogen.	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Keep containers closed when not in use.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES

Signs and Symptoms of Exposure Irritation of skin, eyes , throat and lungs.

Health Hazards (Acute and Chronic)

ACUTE - Irritation of skin, eyes, throat and lungs.

CHRONIC - may be harmful if swallowed. No other hazards are known.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure

None Known.

Emergency and First Aid Procedures

EYES - Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

Skin - remove contaminated clothing. Clean affected area with mild soap and water. If irritation or redne develops, seek medical attention.

INHALATION- move person away from source of exposure and into fresh air. If person is not breathing, give artificial respiration and seek medical attention immediately. If breathing difficulty develops, give oxygen and seek medical attention immediately.

INGESTION - get medical attention immediately.

**SECTION VII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

Provide adequate exhaust ventilation; use a NIOSH approved respirator if PELs/TLVS are exceeded.

Ventilation	Local Exhaust	If needed.	Special	None Known..
	Mechanica	Provide normal good ventilation.		

Protective Gloves	Waterproof gloves.	Eye Protection	Safety goggles.
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Other Protective Clothing or Equipment

No Special Requirements.

Work/Hygienic Practices Launder contaminated clothing before use. Dispose contaminated leather shoes.

**SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled

Remove with inert absorbent.

Waste Disposal Method

Dispose in accordance with local, state and federal regulations. This product is not hazardous waste under RCRA Regulations (40CFR 261)

Precautions to be Taken in Handling and Storing

Avoid opening drums in unventilated areas to avoid possible ammonia vapors.

Other Precautions Avoid prolonged skin contact. Do not get in eyes. Do not take internally.

Prepared by Samet Dy - Chemist

**PLEASE NOTE** "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 DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."