



Material Safety Data Sheet

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

Date Prepared 9/1/2008

SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **Poly-Fill UJF**

COMMON NAME Polyurea Joint Sealant

HAZARD RATING	Health	3
0 = Least	Flammability	1
1 = Slight	Reactivity	0
2 = Moderate	Personal Protection	C
3 = High		
4 = Extreme		

SECTION II - PRODUCT COMPONENTS

CAS.#	OSHA PEL	ACGIH TLV
Polyoxyalkyleneamine	9046-10-0	N.E. ¹ N.E.
N,N-Dialkylamino-diphenylmethane	5285-60-9	N.E. N.E.
Propylene Carbonate	108-32-7	N.E. N.E.
gamma-Glycidoxypropyltrimethylsiloxane	2530-83-8	N.E. N.E.
Pigment Dispersion	N/A	N.E. 10 mg/m3
Alkali-aluminosilicate	N/A	10 mg/m3 6 mg/m3
Castor oil	8001-79-4	N.E. N.E.

¹None Established.

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

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	395 F	Specific Gravity (H2O = 1)	1.05
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	<1
Volatile Organic Compounds	0 g/L		
Solubility in Water	1-10%		
Appearance and Odor	Gray or color of pigment dispersion with a light 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, Carbon Dioxide, Dry Chemical, Water Fog

Special Firefighting Procedures

Wear full protective equipment including self-contained breathing apparatus. Irritating and/or toxic gases may be generated by fire.

Unusual Fire and Explosion Hazards

Cool storage containers with water spray to prevent pressure build-up that may rupture the containers.

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X Avoid excessive heat, open flame, sparks and strong oxidizing agents.
Incompatibility (Materials to Avoid)	Strong oxidizers, acids	
Hazardous Decomposition or Byproducts	Carbon dioxide, carbon monoxide, nitrogen oxides	
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	X Strong bases, water or temperatures over 160 C

SECTION VI - HEALTH HAZARD DATA

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

Signs and Symptoms of Exposure Nausea or respiratory tract irritation or light skin irritation.

Health Hazards (Acute and Chronic)

ACUTE - burning of mouth, throat, and stomach pain. Inhalation can cause nasal discharge and pain in eyes.

CHRONIC - If misted or at high concentration, may cause pallor, nausea, anesthetic or narcotic affects.

Note: Persons with lung disorders or who are sensitized should not use this product.

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

Medical Conditions Generally Aggravated by Exposure

Allergy, skin disorders.

Emergency and First Aid Procedures

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

SKIN - PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.

INHALATION - Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.

INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

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.
	Mechanical	Adequate exhaust ventilation must exhaust AWAY from applicator.		

Protective Gloves Natural rubber or Neoprene. Eye Protection Splash goggles or face shield.

Other Protective Clothing or Equipment

Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at work area.

Work/Hygienic Practices Enforce careful handling to prevent splashing. Wash thoroughly after use.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.

Waste Disposal Method

Dispose in accordance with Federal, State and Local requirements.

Precautions to be Taken in Handling and Storing

Keep containers tightly closed when not in use.

Other Precautions NONE KNOWN.

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."