



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

SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **Trowel-eeze**

COMMON NAME Trowel Lubricant / Cleaner

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

SECTION II - PRODUCT COMPONENTS

COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Ethyl 3-Ethoxypropionate	763-69-9	NE ¹	N.E.

¹None Established

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	338°F	Specific Gravity (H2O = 1)	<1
Vapor Pressure (mm Hg)	0.88	Melting Point	<0°C
Vapor Density (AIR = 1)	5.03	Evaporation rate (Butyl Acetate = 1)	0.12
Volatile Organic Compounds	100%		
Solubility in Water	Slightly Soluble		
Appearance and Odor	Clear liquid. Faint solvent odor.		

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	138°F	Flammable Limits	LEL	UEL
			1%	N/A

Extinguishing Media Dry Chemical , Foam, Carbon Dioxide.

Special Firefighting Procedures

Wear full protective equipment including self - contained breathing apparatus. Irritating and toxic vapors and smoke may be generated. Use water spray to cool fire exposed containers.

Unusual Fire and Explosion Hazards

Keep containers tightly closed. Vapors may migrate to an ignition source in a confined area and cause a flash fire. Isolate from all sources of heat, sparks, pilot lights, flame, electrical equipment and other sources of ignition.

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	Fire
Incompatibility (Materials to Avoid)	None Known.		
Hazardous Decomposition or Byproducts	Fire; Carbon Monoxide, Carbon Dioxide.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Keep containers closed.

SECTION VI - HEALTH HAZARD DATA

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

Signs and Symptoms of Exposure Irritation of skin eyes or respiratory tract.

Health Hazards (Acute and Chronic)

ACUTE - prolonged skin exposure can cause irritation, dermatitis. Inhalation of vapors can cause nasal and respiratory irritation, dizziness, headache, nausea.

CHRONIC - prolonged or repeated exposure to vapors may cause liver and kidney damage. Lung disorders may be aggravated by exposure.

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

Medical Conditions Generally Aggravated by Exposure

Allergy, eczema, skin conditions and lung disorders.

Emergency and First Aid Procedures

EYES - hold eyes apart and flush with clean water for 15 minutes. If irritation or redness develops and persists seek medical attention.

SKIN - remove contaminated clothing. Clean affected area with mild soap and water. If irritation or redness develops and persists, 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.

****NOTE** PERSONS WITH LUNG DISORDERS OR WHO ARE SENSITIZED SHOULD NOT USE THIS PRODUCT**

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type) Use NIOSH approved respirator as outlined in 30CFR11 and 29CFR 1910.134 effective for solvent vapors. Use SCBA or air-supplied respirators when TLV/PEL is exceeded.

Ventilation	Local Exhaust	Use in confined area.	Special	Explosion-proof fans when needed.
	Mechanical	Must be sufficient to maintain area below established TLV/PEL.		

Protective Gloves	Neoprene rubber gloves.	Eye Protection	Splash proof goggles.
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Other Protective Clothing or Equipment

Use other protective equipment such as rubber aprons and faceshield if danger of splashing is possible. Eye wash station or clear water must be readily available. ENFORCE GOOD HYGIENE PRACTICES. No smoking or open lights in work area. Exposure to liquid, vapors, mists or fumes must be minimized. Use air-supplied respirators in enclosed areas and when PEL/TLV is higher than established level.

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

Shut off and eliminate all ignition sources. Keep people away. Add sand, earth or other absorbent to spill area.

Ventilate confined spaces. Open windows and doors, minimize breathing vapors and skin contact. Keep spill out of sewers by diking. Observe precautions for flammable vapors from absorbed materials.

Waste Disposal Method

Incineration in accordance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storing Keep containers tightly closed when not in use and away from excessive heat and flame. Do not pressurize, cut, weld, solder, drill or grind the containers.

Other Precautions Store in an OSHA approved area for flammable materials.

Prepared by Samet Dy - Urethane Chemist

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