



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	HAZARD RATING 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health	2
		Flammability	3
		Reactivity	0
		Personal Protection	G
IDENTITY (As Used on Label)		Fish-Eye Eliminator	
COMMON NAME		SURFACE TENSION MODIFIER	

SECTION II - PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Xylene ¹	1330-20-7	100ppm	100ppm
Propylene Glycol Monomethyl Ether (PM)	107-98-2	N.E. ²	150ppm
Methyl Isobutyl Ketone (MIBK) ¹	108-10-1	100ppm	50ppm
Dimethylpolysiloxanes	63148-62-9	N.E.	N.E.
Ethyl Benzene	100-41-4	100ppm	100ppm

¹Xylene and MIBK are regulated by SARA III, 40CFR Part 372. SEC

²Not 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	Xylene	280°F	Specific Gravity (H2O = 1)	<1
Vapor Pressure (mm Hg)	Xylene	9.5	Melting Point	N/A
Vapor Density (AIR = 1)	Xylene	3.7	Evaporation rate (Butyl Acetate = 1)	0.7
Solubility in Water	Negligible.	Volatile Organic Compounds (VOC)= 865 grams/liter		
Appearance and Odor	Clear liquid. Solvent odor.			

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	80°F	Flammable Limits	LEL	UEL
		Xylene	1.1%	7%

Extinguishing Media Dry Chemical, Alcohol Foam, Carbon Dioxide, Water Fog.

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	NO

Signs and Symptoms of Exposure Irritation and redness of skin and eyes. Breathing difficulty.

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 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 - 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 redness 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.

****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 areas.	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 a face shield 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 or sneakers.

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 volatile, flammable vapors from absorbed material.

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. Store in an OSHA approved area for flammable materials.

Other Precautions None Known.

Prepared by Samet Dy - Urethane Chemist

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