

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Flex Tex flexible texture material

HMIS CODES: H F R P

PRODUCT CODE: 3800-1, 3800-4 (Before 2/97)

2 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Urethane Supply Company

ADDRESS: 1128 Kirk Rd.

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Rainsville, AL 35986

NAME OF PREPARER: KL

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT %
		OSHA	ACGIH TLV	OTHER1	mm HG @	TEMP (F)	
*Toluene	108-88-3	200 ppm	100 ppm	100 ppm	36.7	86	20
2-Butanone	78-93-3	200 ppm	200 ppm	N/A	71.2	68	10
Propylene Glycol Monoethyl Acetate	108-65-6	N/A	N/A	N/A	3.7	68	
*Xylene	1330-20-7	100 ppm	100 ppm	N/A	36.7	86	10
Ethylene Glycol Monbutyl Ether	111-16-2	TWA 50 ppm	TWA 25 ppm	20 ppm	300	140	5
N-Butyl Acetate U G	123-86-4	150 ppm	150 ppm	200 ppm	8.4	68	<5

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372

WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM **MAY** BE PRESENT IN THIS PRODUCT

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE	175 - 284	SPECIFIC GRAVITY (H2O=1):	1.1
VAPOR DENSITY:	Heavier than air		
EVAPORATION RATE:	Faster than n-Butyl Acetate		
COATING V.O.C.:	4.92	MATERIAL V.O.C.	4.92
SOLUBILITY IN WATER:	Stable		
APPEARANCE AND ODOR	Medium gray color, strong solvent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	23		
FLAMMABILITY LIMITS - LOWER	1	UPPER:	13.1
EXTINGUISHING MEDIA:	Foam, alcohol foam, CO2, dry chemical		

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. But may be used to cool containers exposed to heat. Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Vapors may ignite explosively. Exposure to heat or prolonged exposure to sun may cause bursting. Do not expose to heat or store at temperatures above 120 F. Do not puncture or incinerate container.

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

Excessive heat, open flames, spark sources.

INCOMPATIBILITY (MATERIALS TO AVOID):

oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon dioxide, carbon monoxide, various hydrocarbons, oxides of nitrogen.

HAZARDOUS POLYMERIZATION:

Will Not Occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Nasal and respiratory irritation, dizziness, headache, nausea, possible unconsciousness, and asphyxiation.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Moderate irritation, redness, blurred vision.

SKIN ABSORPTION RISKS AND SYMPTOMS OF EXPOSURE:

Moderate irritation, redness, dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Gastrointestinal irritation, vomiting, diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Eyes: Irritation, blurred vision. Skin: Moderate irritation, dermatitis. Inhalation: Nasal and respiratory irritation, nausea, possible unconsciousness, asphyxiation. Ingestion: Gastrointestinal irritation, vomiting, diarrhea. CNS: intoxication causing slight euphoria. Dizziness and headache.

CARCINOGENICITY: NTP?: Yes IARC?: No OSHA?: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Bronchitis, CNS disorders, allergies, nausea.

EMERGENCY FIRST AID PROCEDURES:

Eyes: flush with large amounts of water lifting upper and lower lids. Get medical attention. Skin: Thoroughly wash exposed area with soap and water. Inhalation: Remove to fresh air, give artificial respiration if necessary. Ingestion: Keep person warm and quiet. Seek immediate medical advice regarding induction of vomiting.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Allow volatile portion to evaporate completely. Avoid breathing vapors and remove with inert absorbent.

WASTE DISPOSAL METHOD:

Do not incinerate. Dispose of in accordance with local, state and federal regulations. Do not contaminate lakes, streams, or other water supply.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store or use near heat, sparks or flame. Store in well ventilated area. Keep closure tight and container upright to prevent leakage. Do not puncture or incinerate. Do not spray near fire or open flames.

OTHER PRECAUTIONS:

Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

Use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapors.

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

PROTECTIVE GLOVES:

Neoprene or butyl rubber gloves.

EYE PROTECTION:

Goggles or side-whielded safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Wash contaminated clothing before reuse.

WORK / HYGENIC PRACTICES:

Wash hands before eating, smoking or using the washroom.

SECTION IX - DISCLAIMER

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE AND RELIABLE AS OF THE DATE INDICATED ABOVE, HOWEVER, URETHANE SUPPLY COMPANY MAKES NO REPRESENTATION, WARRANTY OR GUARANTEE AND ASSUMES NO LEGAL RESPONSIBILITY AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. ULTIMATE DETERMINATION OF SUITABILITY FOR INTENDED USE IS THE RESPONSIBILITY OF THE USER.