

# Material Safety Data Sheet

According to ANSI Z400.1-2003

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## Section 1 - Product and Company Information

### Product Name: Flex Tex Flexible Texture Material

**COMPANY IDENTIFICATION:**

Urethane Supply Company  
1128 Kirk Rd.  
Rainsville, AL 35986

**EMERGENCY TELEPHONE NUMBER**

**24 Hour Emergency Contact**  
**Customer Information Number**

800-424-9300  
800-424-9300

## Section 2 - Hazards Identification

Appearance:

Odor:

Hazards of Product:

**HMIS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>2</b>	Health = 2
<b>FIRE</b>	<b>3</b>	Fire = 3
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>1</b>	Personal Protection = 1

**NFPA Ratings**



Health = 2

Fire = 3

Reactivity = 0



## Potential Health Effects

**Eye Contact:** Moderate irritation, redness, blurred vision.

**Skin Absorption:** Moderate irritation, redness, dermatitis.

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

**Ingestion:** Gastrointestinal irritation, vomiting, diarrhea.

## Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Methyl Ethyl Ketone	78-93-3	10-20%
Acetone	67-64-1	10-20%
Toluene	108-88-3	30-40%
PM Acetate	10-65-9	5-15%

## Section 4 - First-Aid Measures

**Medical Conditions Aggravated by Exposure:** Bronchitis, CNS disorders, allergies, nausea

## Section 5 - Fire Fighting Measures

**Extinguishing Media:** Fight source of fire. Dry chemical, carbon dioxide, chemical foam.

**Fire Fighting Procedures:** Water spray to cool containers. If this material is involved in a fire, a NIOSH approved self contained breathing apparatus should be worn.

**Unusual Fire and Explosion Hazards:** Vapors are heavy, may concentrate at lower levels creating hazard. At high temperatures, containers may burst.

## Section 6 - Accidental Release Measures

**Steps to be Taken if Material is Released or Spilled:** Confine as much as possible. Dike and absorb with inert material such as vermiculite. Remove from ignition sources, ventilate and vacate area. Allow solvents to evaporate.

**Personal Precautions:**

**Environmental Precautions:**

## Section 7 - Handling and Storage

**General Handling:** 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 reach of children.

**Other Precautions:**

**Storage:** 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.

## Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Acetone	NIOSH	10H TWA	590 mg/m <sup>3</sup>	
Acetone	DFG MAK		1000 ppm	
Acetone	ACGIH	TLV	750 ppm	STEL
Acetone	ACGIH	TLV	500 ppm	TWA
Acetone	OSHA	PEL	1000 ppm	TWA
Methyl Ethyl Ketone	ACGIH	TLV	300 ppm	STEL
Methyl Ethyl Ketone	ACGIH	TLV	200 ppm	TWA
Methyl Ethyl Ketone	OSHA	PEL	200 ppm	TWA
Toluene	ACGIH	TLV-TWA	50 ppm	
Toluene	OSHA	Ceiling	300 ppm	
Toluene	OSHA	STEL	150 ppm	
Toluene	OSHA	PEL	100 ppm	

### Personal Protection

**Eye/Face Protection:** Chemical splash goggles (ANSI Z 87.1 or approved equivalent)

**Skin Protection:** Polyvinyl gloves and apron.

**Respiratory Protection:** None required if adequate ventilation is provided. Use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapors.

**Hygienic Measures:** Wash hands before eating, smoking, or using the washroom.

**Other Protection Measures:** Wear protective clothing to prevent contact with product.

**Engineering Controls:** Adequate to keep exposure limits below those listed in Section II.

## Section 9 - Physical and Chemical Properties

**Appearance:** Black, medium viscosity, pourable liquid

**Flash Point:** 4 F

**Upper Flammable Limit:** None Determined

**Lower Flammable Limit:** None Determined

**Boiling Point:** <100C

**Vapor Density:** Heavier than air

**Specific Gravity:** 0.97

**Solubility in Water:** Stable

## Section 10 - Stability and Reactivity

**Stability/Instability:** Stable

**Conditions To Avoid:** Excessive heat and freezing temperatures

**Incompatible Materials:** Oxidizing agents, alkalis, and high temperatures

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Chlorine, hydrogen chloride (hydrochloric acid), phosgene

## Section 11 - Toxicological Information

### Acute Toxicity

#### Ingestion

5-15%

#### Skin Absorption

5-15%

#### Inhalation

5-15%

## Section 12 - Ecological Information

### CHEMICAL FATE

## Section 13 - Disposal Considerations

### Disposal Method:

Dispose of waste in accordance with all Federal, State, and Local ordinances.

**Container Disposal:** Disposal must be made according to official regulations.

## Section 14 - Transport Information

DOT

## Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

Component	CAS #	Amount	SARA 313 Listed	Know to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Carcinogenicity	IARC Carcinogenicity	NTP Carcinogenicity	TLV Carcinogenicity	NIOSH Carcinogenicity	OSHA Carcinogenicity

## Section 16 - Other Information

### Legend

ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.