

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 06-08-2007

Section 1 - Product and Company Information

Product Name: Microtex

COMPANY IDENTIFICATION:

Urethane Supply Company
1128 Kirk Rd.
Rainsville, AL 35986

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact 800-424-9300
Customer Information Number 256-638-4103

Section 2 - Hazards Identification

Appearance: Black Liquid

Odor: Characteristic

Hazards of Product:

CAUTION! Irritating to eyes, respiratory system and skin

Signal Word: CAUTION!

Signal Word Hazard: Irritant - moderate respiratory

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	1	Fire = 1
PHYSICAL	0	Physical = 0
PERSONAL PROTECTION	E	Personal Protection = E

NFPA Ratings



Potential Health Effects

Eye Contact: Moderate irritation, redness, blurred vision.
Skin Absorption: Moderate irritation, redness, dermatitis.
Inhalation: Nasal and respiratory irritation, headache, nausea.
Ingestion: Gastrointestinal irritation, vomiting, diarrhea.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Glycol Ether PM (Propylene Glycol Monoethyl Ether)	107-98-2	0-5%
Aqua Ammonia	7664-41-7	<1%
Nepheline Syenite	37244-96-5	12% - 18%
Dibutyl Phthalate	84-74-2	<2%
Carbon Black	1333-86-4	0-5%
C6-C13 Acetate	108419-32-5	0-5%

Section 4 - First-Aid Measures

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin Contact: Immediately wash with water and soap and rinse thoroughly.

Inhalation: In case of unconsciousness place patient stably in side position for transportation

Medical Conditions Aggravated by Exposure: Dermatitis

Section 5 - Fire Fighting Measures

Extinguishing Media: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Fire Fighting Procedures: Thermal decomposition may generate toxic gases. Self-contained breathing apparatus with a full facepiece operated in pressure demand is recommended. Water spray may be used to cool containers exposed to heat.

Special Protective Equipment for Firefighters: No special measures required.

Unusual Fire and Explosion Hazards: Keep vapors away from possible ignition sources.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Absorb spilled material with vermiculite. Allow volatile portion to evaporate completely.

Personal Precautions: Not required

Environmental Precautions: Do not allow to enter sewers/ surface or ground water.

Section 7 - Handling and Storage

General Handling: Keep out of reach of children. Keep containers closed when not in use. Do not transfer contents to other containers.

Other Precautions:

Storage: Store in cool, dry, well ventilated areas. Keep closure tight and containers upright to prevent leakage.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Aqua Ammonia	ACGIH	TLV	35 ppm	STEL
Aqua Ammonia	ACGIH	TLV	25 ppm	TWA
Aqua Ammonia	OSHA	PEL	50 ppm	TWA
Carbon Black	NIOSH	REL	3.5 mg/m3	TWA
Carbon Black	ACGIH	TLV	3.5 mg/m3	TWA
Carbon Black	OSHA	PEL	3.5 mg/m3	TWA
Dibutyl Phthalate	ACGIH	TLV	5 mg/m3	TWA
Dibutyl Phthalate	OSHA	PEL	5 mg/m3	TWA
Glycol Ether PM (Propylene Glycol Monoethyl Ether)	ACGIH	TLV	150 ppm	STEL (15 min.)
Glycol Ether PM (Propylene Glycol Monoethyl Ether)	ACGIH	TLV	100 ppm	TWA (8 hours)
Talc	ACGIH	TLV	2 mg/m3	TWA
Talc	OSHA	PEL	20 mppcf	TWA

Personal Protection

Eye/Face Protection: Goggles or side-shield safety glasses.

Skin Protection: Neoprene or butyl rubber gloves.

Respiratory Protection: Use of a NIOSH approved chemical/mechanical filter, designed to remove a combination of particles and vapor if application is by spraying.

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

Other Protection Measures: To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Wash contaminated clothing before re-use.

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

Section 9 - Physical and Chemical Properties

Appearance: Black liquid. Light solvent odor.

Color: Black

Flash Point: 225F

Boiling Point: Undetermined

Vapor Density: Lighter than air

Specific Gravity: 1.21

Melting Point: Undetermined

Solubility in Water: Stable

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Exposure to excessive heat. Use oldest material first.

Incompatible Materials: Oxidizing agents, strong acids.

Hazardous Polymerization: Will Occur

Hazardous Decomposition Products: N/A

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

0-5%

Skin Absorption

0-5%

Inhalation

0-5%

Repeated Dose Toxicity

No sensitizing effects known

Skin Irritation

Irritant to skin and mucous membranes

Section 12 - Ecological Information

CHEMICAL FATE

ECOTOXICITY

Water hazard class 1 (self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

Section 13 - Disposal Considerations

Disposal Method:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of in accordance with local, state, and federal regulations. Do not contaminate lakes, streams, or other water supply.

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 Cancerogenity	IARC Cancerogenity	NTP Cancerogenity	TLV Canerogenity	NIOSH Cancerogenity	OSHA Cancerogenity
Talc	14807-96-6	8%-10%	•							•		•		
Carbon Black	1333-86-4	0-5%		•						•		•	•	

Section 16 - Other Information

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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

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