

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 10-16-2012

Section 1 - Product and Company Information

Product Name: Flex-Text VT
Product Part Number(s): 3803-1, 3803-4

COMPANY IDENTIFICATION:	EMERGENCY TELEPHONE NUMBER	
Urethane Supply Company	24 Hour Emergency Contact	Chemtrec - 1-800-424-9300
1128 Kirk Rd.	Customer Information Number	256-638-4103
Rainsville, AL 35986		

Section 2 - Hazards Identification

Appearance: Black liquid
Odor: Strong solvent odor

Hazards of Product:

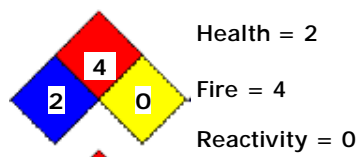
WARNING! Flammable liquid and vapor. Vapor explosion hazard. Vapors may travel long distance; ignition and/or flash back may occur. Avoid contact with eyes and skin. Avoid breathing vapors.

Signal Word: WARNING!
Signal Word Hazard: Flammable Liquid

HMIS Rating (Scale 0 - 4)

HEALTH	2	Health = 2
FIRE	4	Fire = 4
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	G	Personal Protection = G

NFPA Ratings



Potential Health Effects

Eye Contact: Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

Skin Contact: Contact with skin can cause irritation (minor itching, burning and/or redness), dermatitis, defatting.

Skin Absorption: May be readily absorbed through the skin.

Inhalation: Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumoitis which can be fatal. May be toxic.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
1-Methoxy-2-Propanol Acetate	108-65-6	1 - 10%
Carbon Black	1333-86-4	1 - 5%
Methyl Ethyl Ketone	78-93-3	10 - 15%
Methylene Chloride	75-09-2	5 - 10%
Proprietary Synthetic Resin	N/A	10 - 20%
Silicon Dioxide	7631-86-9	1 - 5%
Toluene	108-88-33	45 - 50%

Section 4 - First-Aid Measures

Eye Contact: For eye contact, flush promptly with excess water. Consult a physician.

Skin Contact: For skin contact, wash promptly with soap and excess water. Consult a physician.

Inhalation: If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

Ingestion: If ingestion, do not induce vomiting. Call a physician immediately.

Section 5 - Fire Fighting Measures

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Fire Fighting Procedures: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: (Conditions of Flammability) Flammable. Closed containers exposed to high temperatures, such as fire conditions, may rupture.

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled:

Personal Precautions: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

Environmental Precautions:

Section 7 - Handling and Storage

General Handling:**Other Precautions:**

Storage: Do not store the product above 100°F (38°C). Do not flame, cut, braze, or weld empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis, and oxidizers.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Carbon Black	NIOSH	REL	3.5 mg/m ³	TWA
Carbon Black	OSHA	PEL	3.5 mg/m ³	TWA
Methyl Ethyl Ketone	OSHA	PEL	200 ppm	TWA
Methyl Ethyl Ketone	ACGIH	TLV	200 ppm	TWA
Methyl Ethyl Ketone	ACGIH	TLV	300 ppm	STEL
Methylene Chloride	ACGIH	PEL	50 ppm	
Methylene Chloride	OSHA	TWA	25 ppm	
Silicon Dioxide	OSHA	TWA	6 mg/m ³	PEL
Silicon Dioxide	ACGIH	TWA	10 mg/m ³	TLV
Toluene	OSHA	PEL	100 ppm	
Toluene	OSHA	STEL	150 ppm	
Toluene	OSHA	Ceiling	300 ppm	
Toluene	ACGIH	TLV	50 ppm	TWA

Personal Protection

Eye/Face Protection: Safety glasses or goggles with splash guards or side shields.

Skin Protection: Wear protective clothing as required to prevent skin contact. To prevent prolonged exposure, use rubber gloves; solvents may be absorbed through skin.

Respiratory Protection: Use NIOSH/MSHA approved air purifying or fresh air supplied respirator to remove vapors. Use an air-supplied respirator if necessary.

Hygienic Measures: Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

Engineering Controls: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

Section 9 - Physical and Chemical Properties

Appearance:	Liquid
Color:	Black
Odor:	Solvent
Flash Point:	43°F (6.1°deg:C)

Solubility in Water: Insoluble

Evaporation Rate: Slower than ethyl ether

Percent Volatiles: 73%

Volatile Organic Compounds (VOC): 670 g/l (5.6 lb/gal) - less water and exempts

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Open flames, sparks, heat, electrical and static discharge

Incompatible Materials: Strong acids, alkalis, oxidizers

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and carbon

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

45 - 50%

Skin Absorption

45 - 50%

Inhalation

45 - 50%

Chronic Toxicity and Carcinogenicity

Methylene Chloride has been shown to cause cancer in lab animals.

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Disposal Method:

Dispose of in accordance with local, state, and federal regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Paint

Hazard Class: 3

ID Number: UN1263

Packing Group: III

Maritime transport IMDG

UN Number: UN1263

Label: Paint

Packaging Group: II

EMS Number: F-E, S-E

Air Transport ICAO-TI and IATA-DGR

UN/ID Number: UN1263

Label: Paint

Air Packaging Group: II

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: Toluene
CAS Number: 108-88-33
Amount: 45 - 50%
This component is listed in SARA 313

Component: Methyl Ethyl Ketone
CAS Number: 78-93-3
Amount: 10 - 15%
This component is listed in SARA 313

Component: Methylene Chloride
CAS Number: 75-09-2
Amount: 5 - 10%
This component is listed in SARA 313
This component is known to the State of California to cause cancer or, it is listed with the California Right to Know.
This component is listed with Massachusetts Right to Know.

Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LTCL	Long Term Exposure Limit
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Level
SARA	Superfund Amendment and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
VOC	Volatile Organic Compounds

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.