

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Viper Products
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Middletown ,Ct 06457
Phone: 800-942-8754
Emergency Number: Chemtrec (800) 4424-9300/OVERSEAS (703) 527-3887
Medical 1-800-327-3874

SECTION I - PRODUCT INFORMATION

Product Name: **Leather Flex Fill II** (Original Formula)
Product Use/Class: Elastomeric Urethane Compound

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	Calcium Carbonate	1317-65-3	40.0-60.0 %
02	Titanium Dioxide	13463-67-7	0.5-2.0 %
03	Mineral Spirits	8052-41-3	0.5-2.0 %
04	Triethylamine	121-44-8	10.0-20%

-----EXPOSURE LIMITS-----							
ITEM	ACGIH		OSHA		COMPANY		SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA		
01	10 MG/M3	N.E.	15 MG/MG	N.E.	N.E.	NO	
02	10 mg/m ³ dus	N.E.	10 mg/mdust	N.E.	N.E.	5 mg/mdust	NO
03	100 ppm	N.E.	100 ppm	N.E.	N.E.	N.E.	NO
04	1ppm	N.E.	1ppm	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend), * - TLV - Ceiling Value

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910. 1000): Limits may vary between states.

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation>

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May irritate skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated permanent brain and nervous system damage with prolonged and repeated occupational overexposure to solvents. Ingestion of Ethylene Glycol in excess may lead to respiratory and cardiac failure, and kidney and liver damage. Symptoms include: loss of memory. Loss of intellectual ability, and loss of coordination.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None Known

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT - INHALATION

SECTION IV - FIRST AID MEASURES

EYE CONTACT: Flush with large quantities of water until irritation subsides. If irritation persists, call Medical above.

SKIN CONTACT: Wash with soap and water. If irritation persists, Call Medical above.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call Medical above.

INGESTION: DO NOT INDUCE VOMITING: If irritation or complications arise, call Medical above.

COMMENTS: None

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: >200f

LOWER EXPLOSIVE LIMIT: N.R.

(SET A FLASH CLOSED CUP)

UPPER EXPLOSIVE LIMIT: N.R.

AUTO-IGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FORM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-consisting breathing apparatus, is recommended to protect from combustion products. Cool exposed containers with water.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike spill area. Immediately eliminate sources of ignition. Use absorbent material or scrape up dried material and place into containers.

SECTION VII - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN: Avoid skin and eye contact. Avoid breathing vapors. Use only in a well ventilated area.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep away from heat, spark, and flame. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Do not take internally. Construction and repair activities can adversely affect indoor air quality. Consult with the occupants or a representative (i.e. maintenance, building manager, industrial hygienist, or safety officer) to determine ways to minimize any impact.

SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapors before entering.

RESPIRATORY PROTECTION: If 8 hour exposure limit or value exceeded for any component, use an approved NIOSH/OSHA respirator. Consult your safety equipment supplier and the OSHA regulation, 29 CFR 1910.134 for respirator requirements. A respiratory protection program that meets OSHA 1910.134 and ANSI X88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impervious gloves.

OTHER PROTECTIVE EQUIPMENT: Provide eyewash and solvent impervious apron if body contact may occur.

HYGIENIC PRACTICES: Remove contaminated clothing and wash before reuse.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 210-220 F VAPOR DENSITY: is heavier than air
ODOR: Low odor ODOR THRESHOLD:
APPEARANCE: Tan /Brown EVAPORATION RATE: is faster than Butyl Acetate
SOLUBILITY IN H₂O: Soluble
SPECIFIC GRAVITY: 1.4500-1.6500
VAPOR PRESSURE: 17.5 mm Hg @ 68F
PHYSICAL STATE: Liquid

(See Section 15 for abbreviation legend)

SECTION X - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Strong oxidizers and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e. CO₂, NO_x

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION XI - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION XII - ECOLOGICAL INFORMATION

No Information

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. Discarded material should be incinerated at a permitted facility. Liquids cannot be disposed of in a landfill. Do not reuse empty container. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

EPA WASTE CODE - if discarded (40 CFR 261): None

SECTION XIV - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: No Regulated by DOT

DOT HAZARD CLASS: NONE

DOT UN/NA NUMBER: NONE

PACKING GROUP: NONE

SECTION XV - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS

OSHA: Hazardous by definition of Hazard Communications Standard (28 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of TSCA 1Z (8) if exported for the U.S.

-----CHEMICAL NAME-----CAS NUMBER

No information is available

NEW JERSEY RIGHT-TO-KNOW

The following materials are non-hazardous, but are among the top five components in this product.

-----CHEMICAL NAME-----CAS NUMBER

Acrylic polymer

TSRN-618608-5197p

Water

7732-18-5

Magnesium-Alumino-Silicate*

1318-00-9

* Present in Elastomerics Textured product only.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%.

-----CHEMICAL NAME-----	CAS NUMBER
Acrylic polmer	Proprietary
Water	7732-18-5

CALIFORNIA PROPOSITION 65:

warning: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reporductive harm.

-----CHEMICAL NAME-----	CAS NUMBER
No Proposition 65 chemicals are known to exist in this product.	

INTERNATIONAL REGULATIONS: AS FOLLOWS

CANADIAN WHIMS: This MSDS has been prepared in compliance with Controlled Product regulations except for use of the 16 headings.

CANADIAN WHIMS CLASS: No information available.