



LF-2, LF-P LEATHER FLEX

Written by Super User. Posted in [MSDS SHEETS](#)

SECTION I - PRODUCT IDENTIFICATION

Product Name: LF-2, LF-P LEATHER FLEX

Revision: 12/04/03

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

| INGREDIENT CHEMICAL NAME | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED | CAS NUMBER |
|--------------------------|----------|-----------|--------------------------|------------|
| Diocetyl Adipate | NE | NE | N/A | 103-23-1 |

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

BOILING POINT: 410°F-417°

SPECIFIC GRAVITY (H₂O=1): 0.9270

VAPOR PRESSURE (mm Hg): N/A

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): Is heavier than air.

EVAPORATION RATE (Butyl Acetate = 1): Is slower than ether.

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Clear liquid / solvent

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 384°F

FLAMMABLE LIMITS N/A

EXTINGUISHING MEDIA: WATER FOG x STANDARD FOAM x CO₂ x

DRY CHEMICAL x HALON

**UNUSUAL FIRE AND EXPLOSION
HAZARDS:**

Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SODER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

**SPECIAL PRECAUTIONARY
STATEMENTS:**

Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA?NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

SECTION V: REACTIVITY DATA

| | |
|--------------------------------------|---|
| STABILITY: | <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable |
| Incompatibility : | No information |
| Hazardous Decomposition: | No information |
| HAZARDOUS POLYMERIZATION: | <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will not occur |
| Conditions to Avoid: | No information |

SECTION VI: HEALTH HAZARD DATA**ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)**

| | |
|-------------------|----------------|
| INGESTION: | No information |
| EYES: | No information |

INHALATION: Prolonged inhalation may be harmful. Reports have associated repeated and prolonged occupational overexposure to solvents with brain and nervous system damage. Intentional misuse by inhaling the contents may be harmful.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: No information

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See exposure Controls/Personal Protection Section)

WASTE DISPOSAL METHOD: Dispose in accordance with State, local and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This product is to be used for industrial or professional uses only and is to be applied only by those who are trained in its safe and proper application. When transferring material ground and bond containers and use spark proof tools and explosion equipment. Wash thoroughly after handling. Keep away from heat, sparks, and flame. Keep container closed when not in use.

OTHER PRECAUTIONS: N/A

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:

A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not be provided adequate protection.

VENTILATION: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI's TLV's limit. Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product. Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

LOCAL EXHAUST: N/A

PROTECTIVE GLOVES: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber, and chemical safety goggles plus face shield.

EYE PROTECTION: Wear safety glasses with side shields(or goggles) and a face shield.

SECTION IX: SPECIAL PRECAUTIONS

| | |
|-----------------------------|---------------------------------|
| HEALTH: 1 | <u>HAZARD RATING KEY</u> |
| FLAMMABILITY: 1 | 0 = MINIMAL |
| REACTIVITY: 0 | 1 = SLIGHT |
| PERSONAL PROTECTION: | 2 = MODERATE |
| | 3 = SERIOUS |
| | 4 = SEVERE |
| | * = CHRONIC HEALTH EFFECTS |

Disclaimer: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.