

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Viper Products
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Emergency Number: Chemtrec (800) 424-9300/OVERSEAS (703) 527-3887

SECTION I - PRODUCT INFORMATION

Product Name: Leather Prep
Revision: 03/13/99

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

<u>INGREDIENT CHEMICAL NAME</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>	<u>CAS#</u>
Acetone	20-30%		
Bio-Degradable trade secret	70-80%		

SECTION III - PHYSICAL DATA/CONTENTS WITHOUT PROPELLANT

BOILING POINT 180.0F(82.2c) @ 760 mmHg
SPECIFIC GRAVITY H20=1.789@60.00F

VAPOR PRESSURE (mm Hg): 20.800 MELTING POINT:
MmhG @
68.00f

VAPOR DENSITY (AIR=1) 2.070 @ EVAPORATION RATE (Butyl Acetate=1)
AIR=1 7.70(ETHYLETHER)

SOLUBILITY IN WATER: 100% APPEARANCE AND ODOR: TRANSPARENT
SLIGHT ETHANOL/ACETONE-LIKE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 53.0 F(11.5 C) TCC
FLAMMABLE LIMITS LOWER 2.0 UPPER 12.0%

EXTINGUISHING MEDIA: WATER FOG STANDARD FOAM X
CO2 X DRY CHEMICAL X HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

SPECIAL PRECAUTIONARY STATEMENTS: Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.

SECTION V - REACTIVITY DATA

STABILITY: X STABLE UNSTABLE
CONDITION TO AVOID:
INCOMPATIBILITY: Avoid contact with acetaldehyde, acid, chlorine, ethylene oxide, isocyanates strong oxidizing agents. Do not use with aluminum equipment at temperatures above 120 degrees F.

HAZARDOUS DECOMPOSITION: May form carbon dioxide and carbon monoxide
HAZARDOUS POLYMERIZATION: May Occur X Will Not Occur

SECTION VI - HEALTH HAZARD DATA ROUTES OF ENTRY & HEALTH HAZARDS

ACUTE & CHRONIC

INHALATION: Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

SKIN: May cause mild skin irritations. Prolonged or repeated contact may dry the skin. Symptoms may

include redness, burning, drying and cracking of skin.

EYE: Can cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling of the eyes.

INGESTION: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

EYES: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart, seek immediate medical attention.

INHALATION: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE

LARGE AMOUNTS ARE RELEASED:

Small Spill: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from the area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

Close container tightly and dispose of properly.

WASTE DISPOSAL METHOD:

PRECAUTIONS TO BE TAKEN IN

HANDLING AND STORAGE:

Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Any use of this product in elevated temperatures processes should be thoroughly evaluated to establish and maintain safe operating conditions.

OTHER PRECAUTIONS:

All five-gallon pails and larger containers, including tank cars and tank trucks, should be grounded and/or bonded when material is

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air supply respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions.

VENTILATION:

LOCAL EXHAUST:

PROTECTIVE GLOVES:

impervious clothing and boots.

Wear resistant gloves. To prevent repeated or prolonged skin contact, wear

EYE PROTECTION:

Chemical splash goggles in compliance with OSHA regulations are advised.

SECTION IX - SPECIAL PRECAUTIONS

HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 1

PERSONAL REACTIVITY: 2

HAZARD RATING KEY

0=MINIMAL _____ 3=SERIOUS

1=SLIGHT _____ 4=SEVERE

2=MODERATE * =CHRONIC HEALTH EFFECTS