

MATERIAL SAFETY DATA SHEET

Date of Last Revision: 1/09

GlobalTech®

Lead-Free Paste Remover

Product Code: LFPR

FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053
24 Hrs. per day, 7 days per week

Section 1 ... Composition/Information on Ingredients

EXPOSURE LEVELS

Ingredients	Weight %	PPM	Agency
Isopropanol	>30	400	NE
Aliphatic Glycol Ethers	>30		NE
DI Water	>30		NE

This product does not contain a substance, which must be reported under the requirements of SARA Title III-313 and 40 CFR 372.

Section 2 ... First Aid Measures

Eye Contact:	If irritation or redness from vapor exposure develops, move subject from exposure source. For direct contact, hold eyelids apart and flush affected eye(s) with clean water for 20 minutes. If irritation or redness persists, seek medical attention.
Skin Contact:	Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops or persists, seek medical attention.
Inhalation:	If respiratory or other overexposure symptoms develop, move subject away from exposure source into fresh air. If subject is not breathing, artificial respiration should be administered. If breathing difficulty is experienced, Oxygen should be administered by qualified personnel. If symptoms persist, seek immediate medical attention.
Ingestion:	Aspiration Hazard: Do NOT induce vomiting or give anything by mouth. Vomited material can enter the lungs and cause lung damage. If subject is drowsy or unconscious, place on left side with head down. If possible, do not leave subject unattended. If symptoms persist, seek immediate medical attention.

Note to Physician: Epinephrine and other sympathomimetic drugs may potentiate arrhythmia in persons exposed to this substance. Such drugs should be used cautiously, if at all, and only with cardiac monitoring.

Section 3 ... Health Hazards, Routes of Entry and Effects of Overexposure

Eye Contact:	Material will irritate eyes. Direct contact with the liquid or exposure to the vapor or mist may cause tearing, stinging and redness.
Skin Contact:	Material may cause irritation. Prolonged/repeated exposure to this material may cause redness, burning and cracking or drying of skin. Contact may result in skin absorption, but toxicity symptoms via this route are unlikely, under normal conditions. Persons with pre-existing conditions may be more susceptible to the effects of this material.
Inhalation:	While this material has a low degree of toxicity, inhaling large amounts of mists/vapors may cause irritation of mucous membranes, nervous system depression (drowsiness, fatigue, motor coordination loss), nausea and headaches. Prolonged or repeated exposure to mists/vapor may damage peripheral nerves. Respiratory symptoms, associated with pre-existing conditions, may be exaggerated upon exposure to this material.
Ingestion:	While this material has a low degree of toxicity, ingestion of excessive amounts may cause irritation of the digestive tract. Signs of nervous system depression (dizziness, fatigue, drowsiness, motor coordination loss), and nausea may develop.

Comments: Material has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeats if exposed to high concentrations of this material (see Section 2 Note to Physician). Reports have associated repeated and/or prolonged exposures to solvents with permanent brain or nervous system damage (sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

Section 4 ... Special Protection Information

Ventilation: If existing ventilation is inadequate to maintain airborne concentration below prescribed exposure limits (see Section 1), additional ventilation or exhaust systems may be needed.

Respiratory Protection: If airborne concentrations exceed exposure limits, use a respirator or gas mask, with appropriate cartridges and canisters (NIOSH approved), or mask with an air supply.

Gloves & Glasses: We recommend the use of gloves which are impermeable to the specific hazardous materials present in this product. Safety glasses/goggles should be worn.

Section 5 ... Reactivity Data

Stability: Stable **Conditions to Avoid:**

Hazardous Polymerization: Will not occur **Conditions to Avoid:**

Incompatibility (material to avoid): Strong acids or bases, strong oxidizers, amines.

Hazardous Decomposition: Will not occur.

Section 6 ... Spill or Leak Procedures and Waste Disposal

Precautions in Case of Release: Stay upwind from spill. Keep all ignition sources away from spill area. Ventilate spill area. Absorb with absorbent. Keep out of waterways.

Waste Disposal Method: Dispose of in accordance with all Local, County, State and Federal regulations.

Section 7 ... Handling and Storage Precautions

Stay upwind from spill. Keep all ignition sources away from spill area. Ventilate spill area. Absorb with absorbent. Keep out of waterways. Keep containers closed in a cool environment. Avoid all sources of heat, spark or other ignition. Use and store with proper ventilation. Avoid direct contact and inhalation of vapors. Practice good hygiene. Empty containers can be dangerous and should be so treated. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose to heat, sparks or other ignition sources; they may explode and cause injury or death. Empty drums should be properly drained and returned to supplier or to a drum reconditioner. All other containers should be disposed of in an environmentally sound manner.

Section 8 ... Hazard Data

Hazard Class (Hazard Rating Scale: 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme):

Health: 1 **Flammability:** 3
Reactivity: 0 **Personal Protection:** B

Hazard Class: Combustible liquid

Explosive Limits (volume %):

Lower: NA **Upper:** NA
Flash Point: est. 75°

Extinguishing Media: Dry chemical, carbon dioxide and universal type foam

Fire and Explosion Hazards: Flashback along vapor trail may occur. This material is flammable and should not be used near heat, spark, or flame, or static electricity. If container is not properly cooled, it may explode in case of fire.

Fire Fighting Procedures: Use of Self Contained Breathing Apparatus (SCBA) is recommended for Firefighters. Water spray may be useful to cool nearby containers and to minimize vapor. Avoid spreading burning liquid with the cooling water.

Section 9 ... Physical Data

Boiling Point (approx.):	202°F	Vapor Density:	ND
Evaporation Rate (n-butyl acetate=1.0):	0.94	% Volatile:	100
Vapor Pressure (in mm mercury):	<20	% Water Soluble:	100
Specific Gravity (7.36 lb/gal):	0.88	Odor:	Mild
Appearance:	Clear liquid	Melting Point:	NA
pH:	NA	VOC (lb/gal):	4.86

Section 10 ... Regulatory Information

Federal:

TSCA: The following is the Toxic Substance Control Act (TSCA) Chemical Substance Inventory Status of the components of this material - Components:

Section 10 ... Regulatory Information continued

- SARA Title III - Section 302 / 304:** Requires emergency planning based on "Threshold Planning Quantities" (TPQs), and release reporting based on Reportable Quantities (RQs) of "Extremely Hazardous Substances" (EHS) listed in Appendix A of 40 CFR 355. There are no components of this material with known CAS numbers which are on the EHS list.
- SARA Title III - Section 311 / 312:** Based upon available information, this material and/or components are classified as the following health and/or physical hazards according to Section 311 & 312: Immediate (Acute) Health Hazard - Delayed (Chronic) Health Hazard - Fire Hazard.
- SARA Title III - Section 313:** Does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels established by Sara Title III, Section 313 and 40 CFR372.
- CERCLA:** No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERLA.
- OSHA Regulations:** "Chemical-specific" US Occupational Safety and Health Administration (OSHA) regulations (1910.1002 to 1910.1050) presented under 29 US Code of Federal Regulations (CFR) 1910 do not apply to this material or its components.
- Other EPA Regulations:** No additional information available.
- DOT:** Other than the normal shipping instructions and information given in this MSDS, there are no other specific US DOT regulations governing the shipment of this material.

State:

California Safe Drinking Water and Toxic Enforcement Act of 1988 - Proposition 65:

Not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

SCAQMD (Rule 443.1 VOC's): A Volatile Organic Compound (VOC) is any volatile compound of carbon excluding methane, carbon monoxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, 1,1,1-trichloroethane, methylene chloride, (FC-23), (CFC-113), (CFC-12), (CFC-11), (CFC-22), (CFC-114) and (CFC-115). By this definition, this is a VOC material.

MSL (105 CMR 670.000): Extraordinarily Hazardous Substances (MSL-EHS) must be identified when present in materials at levels greater than state specified criterion. The criterion is $\geq 0.0001\%$. Hazardous Substances (MSL-HS) on the MSL must be identified when present in materials at greater than the state specified criterion. The criterion is $\geq 1\%$. Components with CAS numbers present in this material do not require reporting under the statute.

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