

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:	Friction Point XL	Date Prepared	Jan. 28,2013
Product Number(s):	G - 115	Replaces	March 23,2011
Product Use:	Dry Film Lubricant		
Company Name:	Encore Industrial Products. LLC		
	P.O. Box 941119 Houston, TX 77094-1119		
Telephone Numbers:	(281) 944-4777, (877) 703-3044, Fax (281) 944-4778		
Emergencies:	I (877) 703-3044 Ex. 405 (24 hours, everyday)		

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

<u>Chemical Name</u>	<u>CAS Registry No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Heptane	142-82-5		400ppm		
Propane/Butane/Isobutane Blend	68476-86-8		1000ppm		

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

May be irritating to sensitive skin.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Eye irritant. Will cause redness and burning sensation.

SKIN CONTACT: Skin irritant. Will cause defatting of skin. Effects are reversible.

INHALATION: Effects of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination. Extreme overexposure may result in unconsciousness and possibly death.

INGESTION: Aspiration hazard if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY: NTP? Not determined IARC Monographs? Not determined OSHA Regulated? Not determined.

SECTION 4 FIRST-AID MEASURES

EYE CONTACT: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention.

SKIN CONTACT: Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.

INHALATION: Remove person to fresh air. If irritation persists, give oxygen, get medical attention.

INGESTION: Do not induce vomiting! Seek medical attention immediately. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: Not determined

FLASHPOINT (Propellant): <0°F

FLAMMABLE LIMITS: LEL: 1.8 UEL: 9.5

AUTOIGNITION TEMP: Not determined

FIRE EXTINGUISHING MEDIA: Use water fog, dry chemical or carbon dioxide.

SPECIAL INFORMATION: Aerosol cans may rupture when heated.

Unusual Fire and Explosion Hazards: Heated cans may burst.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.



SECTION 7 STORAGE AND HANDLING

HANDLING: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.
 STORAGE: Store at temperatures below 120°F. Keep away from children. For use by trained personnel only. Keep away from heat, sparks or open flame. For industrial and institutional use only. Keep container closed during storage.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

PERSONAL PROTECTION:

EYES: Safety glasses or chemical splash goggles.
 HANDS: None required if spraying.
 RESPIRATORY: Self-contained breathing apparatus if above TLV limit.
 FEET: No special requirements.
 BODY: Long sleeves and long pants.

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Semi opaque with a light PTFE odor.
 VAPOR PRESSURE: Not determined
 VAPOR DENSITY: Heavier than air.
 SOLUBILITY IN WATER: Nil
 BOILING POINT: <0 to 212°F
 FREEZING / MELTING POINT: Greater than 120° F
 EVAPORATION RATE: Slower than Ether.
 VOC: 99.4% pH: NA Specific Gravity: 0.70 + 0.05

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable
 CONDITIONS TO AVOID: High Temperatures.
 INCOMPATIBILITY (Materials to Avoid): None known.
 HAZARDOUS POLYMERIZATION: Will not occur.
 HAZARDOUS DECOMPOSITION PRODUCTS: In fire, will decompose to carbon dioxide, carbon monoxide, hydrogen fluoride.

SECTION 11 TOXICOLOGICAL INFORMATION

No information available.

SECTION 12 ECOLOGICAL INFORMATION

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:

Not regulated.

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

CERCLA: No reportable ingredients

SARA TITLE III:

Section 311/312 Hazard Category: Acute: No Chronic: No Fire: No Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: None

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 1, Flammability – 4, Reactivity – 0, PPE - B

HMIS® RATING: Health – 1, Flammability – 4, Reactivity – 0, PPE - B

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