

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924 (ChemTel)
International Emergency: +01-813-248-0585

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: B FORCE MULTI-PURPOSE LUBRICANT 8 OZ.
Item No: 80059
Product Type: Aerosol lubricant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
VEGETABLE OIL, SOY METHYL ESTERS, ADDITIVES; NON-HAZARDOUS	<50	Not listed	Not listed
METHYL SOYATE 67784-80-9	<50	Not listed	Not listed
CARBON DIOXIDE 124-38-9	<10	5000 ppm	5000 ppm; 9000 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. May cause gastric disturbances if swallowed. Low order of toxicity.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Slightly irritating to eyes, but does not injure eye tissue. May cause skin irritation.
Medical Conditions Recognized as Being Aggravated by Exposure: None known.

4. FIRST AID MEASURES

Ingestion: No harmful effects are expected. See physician if irritation develops.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): 295°F PMCC
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers.
Hazardous Products of Combustion: Oxides of carbon, Aldehydes
Unusual Fire/Explosion Hazards: Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures over 120 degrees F. may cause bursting or venting.
Lower Explosive Limit: Not determined.
Upper Explosive Limit: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
Handling: CAUTION: Compressed gas. Do not use near heat, sparks or open flame. Do not puncture or incinerate container. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses.
Skin:	Neoprene or nitrile gloves recommended.
Ventilation:	General ventilation is usually adequate.
Respiratory Protection:	Not required under normal use. In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber liquid
Odor:	Mild
Boiling Point:	>550°F
pH:	Does not apply
Solubility in Water:	Insoluble
Specific Gravity:	0.88
VOC(Wt.%):	0
Vapor Pressure:	Not determined
Vapor Density (Air=1):	>1
Evaporation Rate:	<1 (Butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal conditions
Hazardous Polymerization:	Will not occur
Incompatibilities:	Strong oxidizers
Conditions to Avoid:	Keep away from heat, sparks and open flame.
Hazardous Products of Combustion:	Oxides of carbon, Aldehydes

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:	This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Disposal should be made in accordance with federal, state and local regulations.
US EPA Waste Number:	NH - Not a RCRA Hazardous Waste Material
Comments:	Ultimate biodegradation Pw1 >60% within 28 days as per ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Ground Transport (DOT)

DOT Shipping Name:	Consumer Commodity (not more than one liter)
Hazard Class:	ORM-D
UN/ID Number:	None

IATA

Proper Shipping Name:	Consumer Commodity (Not more than 1 liter)
Class or Division:	Class 9
UN/ID Number:	ID 8000

IMDG

Proper Shipping:	Aerosols, Limited Quantity
Hazard Class:	Class 2.2
UN Number:	UN 1950

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

Product Name: B FORCE MULTI-PURPOSE
LUBRICANT 8 OZ.

Item No: 80059

NONE

California Proposition 65: No California Prop 65 chemicals are known to be present.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA 06106

Revision Date: July 18, 2011

Revision 2

Number:

Telephone No.: 1-87-Permatex (877) 376-2839