

MATERIAL SAFETY DAT

REVISION NO 2

REVISION DATE: 01/01/98

SECTION I – SOURCE AND NOMENCLATURE

Manufacturer's Name

LuBoron, LLC

Address

1147 River Road
Charlottesville, VA 22901

Chemical Family

PETROLEUM GREASE WITH BORIC OXIDE/GRAPHITE POWDER

Emergency Telephone No.

(866) 582-6766

Trade Name and Synonyms

OPEN-GEAR GREASES

DOT HAZARDOUS CLASSIFICATION: NOT REGULATED GREASE OR OIL – N.O.S.
NFPA HEALTH HAZARD: 0 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: B

SECTION II – HAZARD INGREDIENTS

IF PRESENT, IARL, NTP, ANS OSHA CARCINOGENS AND CHEMICAL SUBJECT TO THIS REPORTING REQUIREMENTS OF SARA TITLE 111, SECTION 313 ARE IDENTIFIED IN THIS SECTION.

(NON HAZARDSOUS) COMPONENTS

	Cas Number	TLV	PEL	%
PETROLEUM OIL	64741-96-4			45 to 50
POWDER	7782-42-5			15 to 20
MOLYBDENUM DISULFIDE	1317-33-5			1 to 7
BORON DERIVATIVES				10 to 15
PROPRIETARY COMPONENTS	N.J.T.S.R.N.			
		80100362-5008P		5 to 10
		80100362-5004P		1 to 5
		80100362-5013P		15 to 20
		80100362-5009P		1 to 5

SECTION III – PHYSICAL DATA

Boiling Point N/A Vapor Pressure N/A Vapor Density N/A
Melting Point ... N/A Evaporation Rate .. N/A Volatile by Volume, % . NHL
Specific Gravity 1.20 Water Solubility Insoluble
Odor Mild Odor Appearance & Color Tacky Black Semi-solid

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : (ASTM 092) C.O.C. 424°F UPPER FLAMMABLE LIMIT: N/D
LOWER FLAMMABLE LIMIT: N/D

Extinguishing Media: O 2, DRY CHEMICAL, FOAM, WATER FOG, FOAM
Special Fire Fighting Procedures: TREATS AS OIL FREE; USE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire and Explosion Hazards: NONE

SECTION V – HEALTH HAZARD DATA

Effects of Overexposure

Inhalation: NO CARCINOGENS PRESENT.

Ingestion: ROUTE OF ENTRY.

Eye: MAY CAUSE IRRITATION ON SENSITIVE INDIVIDUALS.

Skin: MAY CAUSE IRRITATION ON SENSITIVE INDIVIDUALS.

Emergency and First-Aid Procedures

Inhalation: REMOVE INDIVIDUAL TO FRESH AIR; SEE PHYSICIAN IF IRRITATION PERSISTS

Ingestion: SEEK MEDICAL ATTENTION IMMEDIATELY; DO NOT INDUCE VOMITING. KEEP WARM.

Eyes: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

Skin: WASH WITH SOAP AND WATER; SEE PHYSICIAN IF IRRITATION PERSISTS.

Additional: PROLONGED OR REPEATED CONTACT MIGHT PRODUCE MILD SKIN IRRITATION AND INFLAMATION. PERSONNEL WITH PRE-EXISTING SKIN DISORDER SHOULD AVOID CONTACT.

SECTION VI – REACTIVITY DATA

Conditions Contributing to Instability

STABLE

Conditions Contributing to Hazardous Polymerization

NONE

Incompatibility

STRONG OXIDIZING AGENTS, WELDING

Thermal Decomposition of Products

CARBON MONOXIDE, CARBON DIOXIDE, TRACE SULFUR COMPOUNDS

Conditions to Avoid

DO NOT HEAT ABOVE FLASH POINT

SECTION VII – SPECIAL PROTECTION INFORMATION

Ventilation Requirements

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION.

Protective Equipment

Eye: WEAR APPROVED SAFETY GLASSES OR GOGGLES.

Glove: NEOPRENE OR NITRILE RUBBER GLOVES RECOMMENDED.

Respirator: NORMALLY NOT NEEDED.

Other: CHEMICALLY RESISTANT BOOTS AND APRON RECOMMENDED.

Work/Hygienic Practices: USE STANDARD METHODS.

SECTION VIII – SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

Precautions to be taken in Handling and Storage

SPILLS MAY CAUSE SLIPPERY FLOORS; PROPER FOOTWEAR REQUIRED; REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE; WASH HANDS WITH SOAP & WATER BEFORE EATING, DRINKING, OR SMOKING; DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended hygiene and safe-handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.