

MATERIAL SAFETY DATA SHEET

REVISION NO. 11

REVISION DATE: 03.22.01

SECTION I – SOURCE AND NOMENCLATURE

Manufacturer's Name

LuBoron, LLC

Emergency Telephone No.

(866) 582-6766

Address

1147 River Road
Charlottesville, VA 22901

Chemical Family

SYNTHETIC GREASE WITH BORIC OXIDE

Trade Name and Synonyms

LUBORON SYNTHETIC GREASE

SECTION II – OSHA REGULATED INGREDIENTS

DOT Classification: NOT REGULATED GREASE OR OIL – N.O.S. C.A.S.

<u>Reg. No. Material</u>	<u>N.J.T.S.R.N.</u>	<u>%</u>
SYNTHETIC OIL	80100362-5008P	85
	80100362-5004P	12
	80100362-5014P	2
	80100362-5049P	1

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	N/A
Specific Gravity	0.89	Solubility in Water	INSOLUBLE		
Shelf Life	3 years min.				

V.O.C. = 0.0001

Appearance/Odor

MILD ODOR/ SEMI SOLID

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point = 400 F. ASTM D92	Flammable (Explosive) Limits	Upper N/A Lower N/A
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Method

CLEVELAND OPEN CUP

Extinguishing Media

CO 2, DRY CHEMICAL, FOAM, WATER FOG

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSA

Unusual Fire and Explosion Hazards

SECTION V – HEALTH HAZARD DATA

Effects of Overexposure

Inhalation: FOR MATERIAL TEMPS OVER 610 DEG. F., POLYMER FUME FEVER MAY RESULT FROM INHALING FUMES.
Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.
Eye: MAY CAUSE TEMPORARY EYE IRRITATION.
Skin: REPEATED AND PROLONGED CONTACT CAN CAUSE IRRITATION AND DERMATITIS.

Emergency and First-Aid Procedures

Inhalation: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.
Ingestion: SEEK MEDICAL ATTENTION IMMEDIATELY; DO NOT INDUCE VOMITING.
Skin: WASH WITH SOAP AND WATER, SEE PHYSICIAN IF IRRITATION PERSISTS.

SECTION VI – REACTIVITY DATA

Conditions Contributing to Instability

STABLE

Conditions Contributing to Hazardous Polymerization

NONE

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS, WELDING

Hazardous Decomposition of Products

CO, CO₂. TRACE H₂BO₂ COMPOUNDS

SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled

STOP FLOW, SCRAPE, WIPE, MOP UP, OR ABSORB WITH DIATOMACEOUS EARTH OR INERT MATERIAL.

Waste Disposal Methods

CONSULT WITH FEDERAL, STATE, AND LOCAL WASTE REGULATIONS.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Ventilation Requirements

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION.

Protective Equipment

Eye: WEAR SPLASH GOGGLES OR OTHER APPROPRIATE EYE PROTECTION.
Glove: WEAR NEOPRENE GLOVES TO PREVENT REPEATED OR PROLONGED CONTACT.
Respirator: IF THE TLV OF THE PRODUCT IS EXCEEDED, A MECHANICAL OR SELF-CONTAINED BREATHING APPARATUS IS ADVISED.
Other: NO SPECIAL EQUIPMENT DEEMED NECESSARY UNDER NORMAL USAGE.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage

SPILLS MAY CAUSE SLIPPERY FLOORS; WASH HANDS WITH SOAP & WATER BEFORE EATING, DRINKING, OR SMOKING; DISCARD CONTAMINATED CLOTHING & 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.