SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Product names: Prohmtect 3000 – A*C

Other means of Identification: Not available

Product type: Conductive Paste and Lubricant

Manufacturer: Prohmtect
47108 276th Street
Harrisburg, SD 57032

Emergency phone #: 605-767-1200

Regulatory Information #: 605-767-1200

SECTION II: HAZARD(S) IDENTIFICATION

Emergency Overview
Appearance/Odor: Silver metal and lubricant with little odor.

Potential Health Effects:

Acute Eye:
May cause irritation.

Acute Skin:
May cause irritation.

Acute Inhalation:
May be irritating to respiratory tract.

Acute ingestion:
Not considered a route of exposure under anticipated use conditions. May cause severe irritation and to the digestive tract if ingested.

Chronic Exposure:
Not determined

Aggravation of Pre-existing Conditions:
Not determined

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SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#
Silver	7440-22-4
Proprietary Lubricant A	Trade Secret
Proprietary Lubricant Grease	68611-44-9

Petroleum hydrocarbon/metal mixture:

Three proprietary ingredients:

The identity of these chemicals constitutes a trade secret. To the best of Prohmtect's knowledge, the product contains no SARA 313 in reportable amounts as of this date.

SECTION IV: FIRST AID MEASURES

First Aid Measures for Accidental:

Eye Exposure:
Immediately flush eyes with copious amounts of water. If irritation develops, SEEK MEDICAL ATTENTION.

Skin Exposure:
Flood affected area with water for extended period then wash with soap. If irritation develops, seek medical attention.

Inhalation:
Remove to fresh air. Seek medical attention if breathing becomes difficult.

Ingestion:
Seek medical attention.

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SECTION V: FIRE FIGHTING MEASURES

Fire Hazard Data:

For Lubricant Autoignition: N/A

Flash Point: N/A

Flammability Limits (vol/vol%): **Lower:** N/A **Upper:** N/A

Extinguishing Media:
Use extinguishing media suitable for surrounding fire

Special Fire Fighting Procedures:
Keep containers cool by spraying with water when exposed to fie; if flames have reached the product causing a possible decomposition yielding toxic compounds, use self-contained breathing apparatus. This product does not burn, but will thermally dissociate above 290°C.

Unusual Fire and Explosion Hazards:
Dissociate at temperatures above 290°C may cause the evolution of toxic gaseous fluorine compounds.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spill:
Vacuum or sweep up material and place in a suitable container for reclamation or disposal. Do not discharge into drains or sewers. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

SECTION VII: HANDLING AND STORAGE

Handling/Storage:
Avoid contact with skin and eyes. Keep in a tightly closed container, stored in a cool, dry, well ventilated area.

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SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Component	ACGIH	NIOSH	OSHA-PELs
Silver	0.1 mg/m3	ND	0.01 mg/m3
Lubricant	ND	ND	ND

Engineering Controls:
General mechanical ventilation is adequate for normal use. Local exhaust is recommended for confined areas.

Respiratory Protection:
None

Eye / Face Protection:
Use eye protection to protect eyes.

Skin Protection:
Use gloves to protect hands.

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SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: Silver metal with lubricant
Odor: Slight
pH: ND

For Lubricant
Specific Gravity: 1.92
Water Solubility: Insoluble
Melting Point: NA
Freezing Point NA
Boiling Point: ND
Vapor Pressure: 10^{-7} @ 20C
Density: NA
Percent Volatiles by Volume: NA
Evaporation Rate: ND
Viscosity: ND
Density: ND

SECTION X: STABILITY AND REACTIVITY

Chemical Stability:
Stable

Conditions to Avoid:
Avoid heating above 280°C.

Materials / Chemicals to Be Avoided:
Ammonia, acetylene, ethyl alcohol with nitric acid, hydrogen peroxide, oxalic acid. Molten alkali metals, interhalogen compounds, strong or not aqueous alkali and Lewis acids above 100°C.

Hazardous Decomposition Products:
Toxic HF and COF2 from thermal decomposition in air plus H2O

Hazardous Polymerization:
Will not occur.

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SECTION XI: TOXICOLOGICAL INFORMATION

Acute Effects:

LD50 Oral:	ND
LD50 Dermal:	ND

Chronic Effects

Carcinogenicity:	ND
Mutagenicity:	ND
Reproductive Effects:	ND
Developmental Effects:	ND

SECTION XII: ECOLOGICAL INFORMATION

Environmental Fate:
No information found.

Environmental Toxicity:
No information found.

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SECTION XIII: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION XIV: TRANSPORTATION INFORMATION

US Department of Transportation Shipping Name:

US Department of Transportation	**Proper Shipping Name**	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packaging Group	Not Regulated

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SECTION XV: REGULATORY INFORMATION

Federal Regulations:

SARA Title III Hazard Classes:

Fire Hazard:	No
Reactive Hazard:	No
Release of Pressure:	No
Acute Health Hazard:	No
Chronic Health Hazard:	No

TSCA:

All components of this product are on the TSCA inventory or are exempt from TSCA Inventory requirements

Other Regulations:

None

SECTION XVI: OTHER INFORMATION

National Paint & Coating Hazardous Materials Identification System – HMIS(R):

Health Hazard:	1
Flammability:	0
Reactivity:	0

Key Legend Information:

NA – Not Applicable
ND – Not Determined
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
STEL – Short Term Exposure Limit
NTP – National Toxicology Program
IARC – International Agency for Research Cancer