

MATERIAL SAFETY DATA SHEET

ALUMINUM ANTI-SEIZE

HMIS/NFPA Health: 1 Fire: 1 Reactivity: 1 Personal Protection Index: B

SECTION I – PRODUCT INFORMATION

Distributor's name: Allied Rubber & Gasket Company
2610 Commerce Way
Vista, Ca 92081
In case of emergency: (800) 424-9300
For information call: (800) 854-1015
Date prepared: 3/29/2010
Product name: Aluminum Anti-Seize Lubricant

SECTION II– COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components Description</u>	<u>CAS No.</u>	<u>Wt%</u>	<u>OSHA PEL</u>	<u>CGIH TLV</u>	<u>Other Limits</u>
Petroleum Oils	64742525/64742570	60-100	Oil Mist TWA-5mg/M ³	N/A	STEL 10mg/M ³
Aluminum	7429905	5-15	UN	UN	UN
Nonhazardous Blend	94166877/7782425	10-15	UN	UN	UN

SECTION III – PHYSICAL DATA

Physical State: Semi-solid (paste)
Color: Silver
Odor: Petroleum
Boiling point °F (°C): >500 (260)
Melting point °F (°C): >450 (232)
Flash Point (COC) °F (°C): >430 (221)
Auto ignition
Temperature °F (°C): >500 (260)
Explosive Properties: **LEL:** 0.9% **UEL:** 7%
Evaporation Rate -
(Butyl Acetate): <0.01 **Partition Coefficient (Log Pow):** Not applicable
Vapor pressure (kPa): <0.01 **Density (g/cm³):** 1.0
Flammability: Not flammable at ambient temperature
Oxidizing Properties: None **Solubility in Water:** Nil
Vapor Density: >5 **Percent Volatiles:** Nil
OAR Group: Not applicable **pH:** Neutral

SECTION IV – FIRE FIGHTING MEASURES

- Extinguishing Media:** Foam, dry powder, halon, carbon dioxide, sand, earth & water mist.
- Unsuitable Extinguishing Media:** Water jet.
- Protective Equipment for Firefighting:** Self-contained breathing apparatus.

SECTION V – HEALTH HAZARD DATA

Main Hazards – Health Effects

- Eyes:** May cause irritation.
- Ingestion:** May cause diarrhea.
- Skin:** May irritate the skin after prolonged periods of contact.
- Inhalation:** Viscous nature may block breathing passages if inhaled.

Emergency & First Aid Procedures:

- Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help.
- Ingestion:** Wash out mouth immediately. Consult physician.
- Skin:** Wash thoroughly with hand cleanser, followed by soap and water. All contaminated clothing should be dry cleaned before reuse.
- Inhalation:** Clear air passage and seek medical help, if respiratory difficulty continues.

SECTION VI – STABILITY AND REACTIVITY

- Stability:** Chemically stable under normal conditions. No photo reactive agents.
- Conditions to Avoid:** Powerful sources of ignition.
- Materials to Avoid:** Strong inorganic & organic acids & oxidizing agents
- Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon. Residue mainly comprised of soot & metal oxides.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

<u>Personal Precautions:</u>	Wear gloves & protective overalls.
<u>Environmental Precautions:</u>	Do not allow it to enter drains.
<u>Spillage:</u>	Scrape up bulk, then wipe up remainder with cloth & pick up remaining residue with diatomaceous earth to avoid a walking hazard.
<u>Handling:</u>	No special handling precautions necessary.
<u>Storage:</u>	Do not store at elevated temperatures.
<u>Product Disposal:</u>	Do not incinerate. Contact waste disposal company or local authority for advice.
<u>Container Disposal:</u>	Pails without liner see “Product Disposal”. Pails with Plastic Liner – pail can only be disposed of via standard waste disposal services, recycled or reused. Liner – see “Product Disposal”

SECTION VIII – EXPOSURE /PERSONAL PROTECTION

<u>Respiratory Protection:</u>	None required
<u>Hand Protection:</u>	Protective gloves for hypersensitive persons.
<u>Eye Protection:</u>	Glasses, if applied to moving parts in motion.
<u>Body Protection:</u>	Overalls.

SECTION IX – TOXICOLOGICAL INFORMATION

<u>Acute Toxicity:</u>	Not known.
<u>Irritancy – Skin:</u>	Very mild.
<u>Allergens:</u>	None known.
<u>Skin Sensitization:</u>	Not known.
<u>Sub-acute/Sub chronic Toxicity:</u>	Not known.
<u>Chronic Toxicity:</u>	None known.
<u>Genotoxicity:</u>	None known.
<u>Carcinogens:</u>	None
<u>NTP:</u>	No
<u>IARC:</u>	No
<u>OSHA:</u>	No
<u>EC Classification (67/548/EEC):</u>	No
<u>California Prop 65 Agents:</u>	None
<u>LC-50:</u>	No data.
<u>LD-50:</u>	No data.

SECTION X- ECOLOGICAL INFORMATION

<u>Possible Effects:</u>	May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.
<u>Behavior:</u>	Relatively well behaved. Bioaccumulation potential nil.
<u>Environmental Fate:</u>	Highly unlikely to cause widespread contamination.

SECTION XI – TRANSPORT INFORMATION

Not classified as hazardous for transport.

<u>D.O.T.:</u>	Nonhazardous.
<u>UN No.:</u>	Not applicable
<u>Road & Rail Transport (ADR/RID):</u>	Not applicable
<u>Sea Transport (IMO & IMDG):</u>	Not applicable
<u>Air Transport (ICAO & IATA):</u>	Not applicable

SECTION XII – REGULATORY INFORMATION

<u>Labeling Information:</u>	None needed.
<u>R Phrases:</u>	R22 harmful if swallowed.
<u>S Phrases:</u>	None applicable, as known.
<u>EC Annex 1 Classification:</u>	Not applicable
<u>Ozone Depleting Chemicals:</u>	N/A
<u>SARA 311/312:</u>	None
<u>CERCLA:</u>	Nonhazardous
<u>TSCA:</u>	All components are listed.
<u>WHMIS (Canada):</u>	Not regulated.
<u>Canadian DSL:</u>	All components are listed.
<u>RCRA Hazard Class:</u>	Nonhazardous
<u>40 CFR Part 372 (SARA Section 313):</u>	This product contains aluminum.

Disclaimer

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END OF MATERIAL SAFETY DATA SHEET