

# CYCLO<sup>®</sup> INDUSTRIES, LLC

## MATERIAL SAFETY DATA SHEET

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This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

### SECTION 1 - PRODUCT IDENTIFICATION

Product Name: C-681 & C-682 Cyclo<sup>®</sup> Anti-Seize Common Code #: 49501

Hazardous Material Description: DOT & IMDG - Non-Hazardous (Greases)

NFPA Rating: Health = 1 Flammability = 1 Reactivity = 1 Special Hazards = 0

### SECTION 2 - PHYSICAL DATA

Boiling Point: 600°F Specific Gravity (H<sub>2</sub>O=1): 1.1

Vapor Pressure (mm Hg @ 70°C): <0.1 Vapor Density (AIR=1): Not applicable

Percent Volatile By Volume (%): Not applicable Melting Point: Nil

Solubility in Water: Negligible pH: Not applicable

Evaporation Rate (Butyl Acetate = 1): Not applicable

Appearance and Odor: Silver grey paste with very little odor.

Volatile Organic Compound (VOC) (as packaged minus water): None known

**SECTION 3 – HAZARDOUS INGREDIENTS**

CAS Reg. No.	Material	Percentage	Exposure Levels
7429-90-5	Aluminum Powder	0 – 10	5 mg/M3 / ACGIH TLV

**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

Flash Point: &gt;360°F

Method Used: COC

Flammable Limits: Lower Exposure Level – Not applicable  
Upper Exposure Level – Not applicable

Extinguishing Media: Foam, CO<sub>2</sub>, dry chemicals

Special Fire Fighting Procedures:

Water may be ineffective. Dense smoke may be generated while burning. Use NIOSH approved respirator and protective clothing.

Unusual Fire and Explosion Hazards:

Decomposition vapors may be harmful.

**SECTION 5 – HEALTH HAZARD DATA**

Effects of Overexposure:

Ingestion: No ill effects expected for small amount.

Inhalation: Not likely.

Skin Contact: Prolonged or repeated contact may lead to skin irritation in some individuals.

Eye Contact: Eye irritant.

Health Hazards (Acute &amp; Chronic): None known.

Carcinogenicity: NTP = No; IARC Monographs = No; OSHA Regulated = No

First Aid Procedures:

Ingestion: Get medical attention.

Skin Contact: Wash with soap and water.

Inhalation: Not applicable.

Eye Contact: Flush thoroughly with water for 15 minutes. Get medical attention.

Medical Conditions Generally Aggravated by Exposure:

May aggravate pre-existing skin disorders.

**SECTION 6 – REACTIVITY DATA**

Stability: Stable

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous Decomposition Products: CO<sub>1</sub> and CO<sub>2</sub>

Hazardous Polymerization: Will not occur

**SECTION 7 – SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Not applicable

Ventilation:

Local Exhaust Rate: Not applicable

Mechanical (General): Not applicable

Special: Not applicable

Other: Not applicable

Protective Gloves: Oil resistant

Eye Protection: Safety glasses or chemical goggles.

Other Protective Equipment: To prevent skin contact.

Work/Hygienic Practices:

Normal good industrial hygiene. Wash hands before meals and at end of shift.

**SECTION 8 – SPILL OR LEAK PROCEDURES**

Steps To Be Taken In Case Material Is Released or Spilled:

Remove any source of ignition. Scoop up as much as possible. Cover the remainder with an oil absorbent such as sand, earth or sweeping compound.

Waste Disposal Method:

Dispose of product in accordance with local, state and federal regulations at an approved waste disposal terminal.

**SECTION 9 - SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling and Storage:

Store away from sparks, open flames or excessive heat.

Other precautions: Use normal good industrial hygienic practices.

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