

PRODUCT NAME: Silicone Lubricant ABRO MASTERS
PRODUCT NUMBER/SIZE: SL-100-APL-RE

Revision Date: 09/28/2018

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628 USA
PRODUCT DESCRIPTION: Silicone Lubricant
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Flammable aerosol (Category 2)
Reproductive toxicity (Category 2)
Specific target organ damage (Category 2) oral, nervous system

Label Pictogram(s):



Signal Word: **WARNING**

Hazard Phrases: Flammable aerosol. May cause damage to nervous system. Suspected of damaging fertility or the unborn child.

Precautionary Phrases: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition sources. Pressurized container. Do not pierce or burn, even after use. Do not breathe fumes, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response: If exposed, concerned or if you feel unwell, call a POISON CENTER or doctor/physician and get medical attention.

Storage / Disposal: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Other: Keep out of reach of children. If medical advice is needed, have product container or label at hand. Dispose of container in accordance with local, regional, national and international regulations.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Silicone Oil	63148-62-9	15-25%
n-Hexane	110-54-3	1-2%
White Mineral Oil	8042-47-5	1-2%
LPG	68476-85-7	65-75%

SECTION 4 First Aid Measures

First Aid Measures

Immediate Medical Attention:	Treat symptomatically. Primary routes of entry are skin contact, inhalation, ingestion and eye contact.
Eyes	Immediately flush eyes with plenty of water. Get medical attention if irritation persists.
Skin	Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.
Ingestion	Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Signs & Symptoms Of Over Exposure: Vapors of this product are irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion. Liquid aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful. This material may be harmful or fatal if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Overexposure may cause nervous system damage and/or lung and/or kidney damage.

Special Treatment: Provide general supportive measures and treat symptomatically.

SECTION 5 Fire Fighting Measures

Extinguishing media	Dry chemical, foam, carbon dioxide, sand. Water may be an ineffective extinguishing medium.
Hazardous Combustion:	This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning. Carbon monoxide, and carbon dioxide are hazardous combustion products.
Protective Equipment and Precautions for firefighters:	Use water spray to cool fire-exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.
Flammability per Flame Projection Test	Not determined.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Avoid inhalation of fumes from molten product. Avoid skin contact with molten resins. Wear appropriate protective equipment and clothing during clean up.
Methods/materials for containment and cleanup:	Isolate area. Keep unnecessary personnel away. Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Attempt to reclaim the free product, if this is possible.
Environmental precautions:	Do not allow the spilled product to enter public drainage systems or open water courses.

SECTION 7 Handling and Storage

Precautions for Safe Handling	Avoid breathing fumes if this product is used at high temperatures. Keep away from potential sources of ignition. Wash hands thoroughly after handling and before eating.
Conditions for Safe Storage	Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers.

SECTION 8 Exposure Controls/Personal Protection

Exposure Guidelines:	If oil mists are generated, observe the OSHA exposure limit of 5 mg/m ³ . No ACGIH, NIOSH or OSHA exposure guidelines listed for the products components.
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Engineering Controls: Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Use good industrial hygiene practices.

Personal Protective Equipment:

Skin Chemically resistant gloves with thermal protection.
Eyes Wear safety goggles or face shield when working.

Respiratory Under normal conditions, respirator is not normally required.

SECTION 9
Physical and Chemical Properties

Appearance and Physical State:	Transparent liquid
Odor:	Light chemical smell
Odor Threshold:	Not available.
pH:	Not determined.
Melting Point/Freezing Point:	>80° F (ASTM D 938)
Initial boiling point & boiling range:	>122° F
Flash Point:	16.5° C
Evaporation rate:	Slower than ether
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	21 mm/Hg (major component)
Vapor density	Heavier than air
Relative density / Specific gravity	0.891
Water Solubility	Nil
Partition Coefficient n-Octanol/Water	Not Available.
Auto-ignition Temperature:	>212° F
Decomposition Temperature:	Not Available.
Viscosity:	Not Available.
% Volatile:	100%

SECTION 10
Stability and Reactivity

Reactivity	Product is non-reactive under normal conditions of use.
Chemical Stability:	Stable
Possibility of hazardous reactions:	Not available.
Conditions to avoid (e.g. static discharge, shock or vibration):	Avoid excessive heat and all sources of ignition.
Incompatibilities:	Strong oxidizing agents (peroxides, chlorine, strong acids)
Hazardous decomposition products:	Carbon dioxide, carbon monoxide.
Hazardous polymerization:	Will not occur

SECTION 11 Toxicological Information

Toxicity Measures:	This material is typically inert. Fumes are known to be mildly irritating to the nose, throat and eyes.
Chronic Effects:	No data available
NTP Carcinogen:	Not listed.
IARC Carcinogen:	Not listed.
OSHA Carcinogen:	Not listed.
Teratogenicity:	No data available for the product as a whole.
Reproductive Effects:	No data available for the product as a whole.
Mutagenicity:	No data available for the product as a whole.
Other Information	No data available for the product as a whole.

SECTION 12 Ecological Information

Ecotoxicity:	No information is available. Keep product out of sewers and waterways.
Persistence and Degradability:	No information is available.
Bioaccumulation Potential:	No information is available.
Mobility in Soil:	No information is available.
Other Adverse Effects:	No information is available.

SECTION 13 Disposal Considerations

Storage and Disposal	Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers. Keep out of reach of children.
Waste Disposal Method:	Product as shipped does not meet the definition or characteristics of a hazardous waste. No EPA waste numbers are applicable for this product's components. Incinerate the material under controlled conditions in an approved incinerator.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	None
	Exceptions:	May be shipped as a limited quantity

Environmental Hazards: None
Transport in Bulk: Not Applicable.
Special Precautions: ERG#115

IMO/IMDG UN/ID Number: UN1950
Proper shipping name: Aerosols
Hazard class: 2.1
Packing Group: None
Exceptions: May be shipped as a limited quantity
Environmental Hazards: None
Transport in Bulk: Not Applicable
Special Precautions: EmS F-D, S-U

ICAO/IATA UN/ID Number: UN1950
Proper shipping name: Aerosols, flammable
Hazard Class: 2.1
Packing Group: None
Exceptions: May be shipped as a limited quantity
Environmental Hazards: None
Transport in Bulk: Not Applicable
Special Precautions: None

Canada (TDG) UN/ID Number: UN1950
Proper shipping name: Aerosols
Hazard class: 2.1
Packing Group: None
Exceptions: May be reclassified as a limited quantity.
Environmental Hazards: None
Transport in Bulk: Not Applicable
Special Precautions: ERG#115

SECTION 15 Regulatory Information

All components of this product are listed on the US EPA TSCA Inventory. None of the components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4). No components require labeling under California Proposition 65. None of the product components are listed on the state lists from CA, FL, MA, MN, NJ or PA. All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals. None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the

product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable

This information is intended to provide interpretative and authoritative information in regard to the subject matter covered as a service to our clients and has been answered to the best of our ability based on the information provided to us. We do not guarantee the accuracy or completeness of any such interpretation or information, however, nor do we warrant that compliance with any advice we provide will guarantee compliance with any legal or regulatory requirements. Our statements or opinions do not convey legal interpretation and government authorities or legal counsel should be contacted for such a response.