

PRODUCT NAME: ABRO Silicone Gasket Maker Blue ABRO
MASTERS (Russian Made in China)

PRODUCT NUMBER/SIZE: 10-AB-CH-R / 3 oz.

Revision Date: 06/17/2015

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

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.

ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA

PRODUCT DESCRIPTION: Gasket Maker

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:

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not hazardous.

Classification according to Directive 67/548/EEC or 1999/45/EC: Not hazardous.

Label Pictogram(s):

None Required

Signal Word: None Required

Hazard Phrases: None

Precautionary Phrases: None

Response: None

Storage / Disposal: None

Other: No significant adverse effects from a single exposure expected from normal use.

SECTION 3 Composition/Information on Ingredients

| Ingredient | C.A.S. No. | % by Wt | Classification according to Regulation (EC) No. 1272/2008 [CLP]; |
|---------------------------------------|------------|---------|--|
| Dimethyl siloxane, hydroxy-terminated | 63148-60-7 | 30~70 | Skin Irrit. 2 (H315); Eye Irrit. 2 (H319) |

| | | | |
|-----------------------------|------------|------|--|
| Fumed Silica | 7631-86-9 | 5-20 | Not Classified |
| Hydrotreated Kerosene oil | 64742-47-8 | 0-30 | Not Classified |
| Methyltriacetoxysilane | 4253-34-3 | 3-8 | Acute Tox. 4 (H302); Skin Corr. 1C (H314). |
| Poly (Dimethylsiloxane) oil | 63148-62-9 | 5-20 | Acute Tox. 4 (H302); Skin Corr. 1C (H314). |

SECTION 4 First Aid Measures

| | |
|----------------------------|---|
| Eye contact: | Immediately flush with water for 16 minutes. Get medical attention. |
| Skin: | Remove from skin and wash thoroughly with soap and water or waterless |
| Inhalation: | No first aid should be needed. |
| Comments: | Treat according to person's condition and specifics of exposure. |
| Note to Physicians: | Treat symptomatically. |

SECTION 5 Fire Fighting Measures

| | |
|--|---|
| Flammability: | Non-Flammable |
| Flash Point: | N/A |
| Autoignition Temperature: | N/A |
| Hazardous Properties: | None |
| Fire: | Not considered to be a fire hazard |
| Explosion: | Not considered to be an explosion hazard |
| Special Fire Fighting Procedures and Equipment: | Not considered to be an explosion hazard |
| Hazardous Combustion Products: | Carbon oxides and traces of incompletely burned carbon compounds. |
| Unsuitable Extinguishing Media: | None established. |

SECTION 6 Accidental Release Measures

| | |
|-----------------------------------|---|
| Personal Precautions: | Avoid skin and eye contact. Do not take internally. |
| Environmental Precautions: | Do not allow large quantities to enter drains. |

Methods for Cleaning up: Wear protective equipment to prevent skin and eye contamination and inhalation of dust.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal.

SECTION 7 Handling and Storage

Handling:

Information for Safe Handling: Avoid eye contact with vapors, mists, or spray. Avoid skin contact. Avoid breathing of vapors, mists or spray. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment. Do not ingest. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

Information about Fire/Explosion protection: None

Storage:

Requirements To Be Met By storerooms & receptacles: Store away from oxidizing agents.

Information About Storage In one Common Storage facility: Keep Container Closed And Store Away From Water Or Moisture.

Further Information About Storage Condition: Store in cool, dry conditions.

Unsuitable Packaging Materials: None established.

SECTION 8 Exposure Controls/Personal Protection

Exposure Limits: General protection and hygiene measures: Avoid contact with eyes and skin. Do not inhale gases/vapors/aerosols. Do not eat, drink or smoke when handling.

**Engineering Controls:
Local Ventilation:** None should be needed.

General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling:

Respiratory protection: No respiratory protection should be needed.

Suitable Respirator: No respiratory protection should be needed.

Eye Protection: Wear chemical safety goggles or appropriate protective eyeglasses.



Hand Protection:

Wear chemical protective gloves.



Skin protection:

Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Hygiene Measures:

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Note: These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

SECTION 9 Physical and Chemical Properties

| | |
|--|--|
| Specific Physical Form: | Paste |
| Odor, Color, Grade: | Blue, Light odor, High-Class |
| General Physical Form: | Solid |
| Melting Point: | No data available |
| Boiling Point: | Not applicable |
| Explosion Limits: | LEL: Not applicable UEL: Not applicable |
| Flammable Limits: | LEL: Not applicable UEL: Not applicable |
| Solubility, Water %: | Less than 0.1 |
| Autoignition Temperature: | No data available |
| Vapor Density: | Not applicable |
| Vapor Pressure: | Not applicable |
| Specific Gravity: | 0.95[Ref Std WATER=1.0] |
| pH: | Not applicable |
| Flash Point: | Not applicable |
| Evaporation Rate: | Not applicable |
| Volatile Organic Compounds: | Not applicable |
| Percent Volatile: | Not applicable |
| VOC Less H3O & Exempt Solvents: | Not applicable |
| Viscosity: | Not applicable |

Note: The above information is not intended for use in preparing specifications.

SECTION 10 Stability and Reactivity

- Stability:** Stable
- Materials to Avoid:** Oxidizing material can cause a reaction. Water, moisture, or humid air causes curing and the liberation of acetic acid vapors.
- Conditions to Avoid:** None
- Hazardous Polymerization:** Hazardous polymerization will not occur.

**Hazardous Decomposition
or By-Products:**

| Substance | Condition |
|-----------------|--------------------|
| Carbon monoxide | During Combustion. |
| Carbon dioxide | During Combustion. |

SECTION 11 Toxicological Information

- Possible Health Effects:** Refer to Section 3.5
- Sensitizing Effects:** None known.
- Mutagenic Effects:** None known.
- Reproductive Effects:** None known.
- Carcinogenic Effects:** None known.
- Other Health Hazard Information:** No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

SECTION 12 Ecological Information

- Environmental Fate and Distribution:** Solid material, insoluble in water. No adverse effects are predicted.
- Environmental Effects:** No adverse effects on aquatic organisms are predicted.
- Bioaccumulation:** No bioaccumulation potential.
- Fate and Effects in Waste Water Treatment Plants:** No adverse effects on bacteria are predicted.

SECTION 13 Disposal Considerations

Product Disposal: Dispose of in accordance with local regulations.

Packaging Disposal: Dispose of in accordance with local regulations.

Characteristic Waste:

Ignitable: NO

Corrosive: NO

Reactive: NO

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14 Transport Information

Road and Rail Transport: Not applicable.

Sea Transport (IMDG): Not subject to IMDG code.

Air Transport (IATA): Not subject to IATA regulations.

Special Requirements and Additional Information: None.

SECTION 15 Regulatory Information

Labelling According to EU Directives/Ordinance: The product has been classified and marked in accordance with EU directives and ordinance on Hazardous Materials.

Special identification instructions: Not applicable.

National Regulations: Not applicable.

International Regulations: 67/548/EEC & 1999/45/EC & UN GHS

| Ingredient | TSCA | DSL/NDSL | EINECS/ ELINCS | AICS | ENCS | IECSC | KECL | PICCS |
|---------------------------------------|------|----------|-------------------|------|------|-------|------|-------|
| Dimethyl siloxane, hydroxy-terminated | - | - | - | - | - | - | - | - |
| Fumed Silica | - | - | - | - | - | - | - | - |
| Hydrotreated Kerosene oil | - | - | - | - | - | - | - | - |
| Methyltriacetoxysilane | - | - | - | - | - | - | - | - |
| Poly (Dimethylsiloxane) oil | - | - | - | - | - | - | - | - |

“ - “ Not Listed
 “ x “ Listed

SECTION 16 Other Information

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.

Key or legend to abbreviations and acronyms used in the safety data sheet

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable