

PRODUCT NAME: ABRO Russian-Ukrainian Stop Leak
Liquid
PRODUCT NUMBER/SIZE: SL-624-RU / 11 oz.

Revision Date: 6/22/2015

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: Automobile radiator sealer
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:
Carcinogen Category 1

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: May cause cancer by inhalation.

Precautionary Phrases: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use protective equipment as required.

Response: IF exposed or concerned: Get medical advice/attention

Storage / Disposal: Store locked up. Dispose of contents and container in accordance with local and national regulations.

Other: Keep out of reach of children.

SECTION 3
Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Magnesium Aluminum Silicate (May contain up to 10% of crystalline silica-quartz)	8031-18-3	0.5-1.5%
Bentonite Clay (May contain up to 10% of crystalline silica-quartz)	1302-78-9	5-10%
Quartz (From Bentonite Clay, and Magnesium Aluminum Silicate)	14808-60-7	0-1.2%
Non-hazardous Ingredients	Proprietary	>1%

SECTION 4
First Aid Measures

Eyes	Exposed eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. If irritation, pain, swelling or tearing persist, seek medical attention.
Skin	Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If irritation or redness occurs and persists, seek medical attention.
Inhalation	No harmful effects expected. However, If symptoms of exposure occur, remove to fresh air.
Ingestion	If swallowed, get immediate medical advice by calling a Poison Control Center, or emergency room. If advice is not available, take victim and product container to the nearest emergency treatment center or hospital. Do not attempt to give anything by mouth to an unconscious person.
Most Important Symptoms	May cause eye, and skin irritation.
Indication of immediate medical attention and special treatment, if needed:	None known
Note to Physicians	Treatment of overexposure should be directed at the control of symptoms and the clinical conditions.

SECTION 5
Fire Fighting Measures

Suitable Extinguishing Media

This product is not combustible. Use any media that is appropriate for the surrounding fire.

Specific Hazards Arising from Chemical

None known.

Special Protective Equipment and Precautions for Firefighters

Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

**SECTION 6
Accidental Release Measures**

Personal Precautions, protective equipment and emergency procedures:

Wear appropriate protective clothing and equipment (See Section 8).

Methods and materials for containment/cleanup:

Collect for disposal. Large spill may be absorbed on vermiculite or other similar material.

**SECTION 7
Handling and Storage**

Precautions for safe handling:

Avoid eye and skin contact.
Wash exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

None

**SECTION 8
Exposure Controls/Personal Protection**

Exposure Guidelines

CHEMICAL	EXPOSURE LIMIT
Magnesium Aluminum Silicate	None Established (PEL/TLV/NIOSH)
Bentonite Clay	None Established (PEL/TLV/NIOSH)
Crystalline Silica, Quartz.	<u>10mg/m3</u> TWA OSHA PEL (Respirable Fraction) %SiO ₂ +2
	<u>30mg/m3</u> TWA OSHA PEL (Total Dust) %SiO ₂ +2
	0.025 mg/m3 TWA ACGIH TLV (Respirable)
Non-hazardous Ingredients	None Established (PEL/TLV)

Appropriate Engineering Controls:

General ventilation is adequate for normal use.

Eye Protection:

Safety goggles recommended to prevent eye contact.

Gloves:

For prolonged contact, rubber gloves can be worn.

Respiratory Protection:

None normally needed. For operations where the TLV is exceeded a NIOSH approved respirator with dust/mist cartridges or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select and use in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Other Protective Equipment/Clothing:

Appropriate protective clothing as needed to minimize skin contact. Suitable washing and eye flushing facilities should be

available in the work area. Contaminated clothing should be removed and laundered before re-use.

SECTION 9 Physical and Chemical Properties

APPEARANCE:	Light brown slurry	ODOR:	Mild
ODOR THRESHOLD:	Not determined	pH:	8.3 -10.3
MELTING/FREEZING POINT:	32°F (0°C)	BOILING POINT/RANGE:	215°F (101.7°C)
FLASH POINT:	SEPA >215°F (>101.7°C)	EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS)	Non-Flammable	FLAMMABILITY LIMITS:	LEL: Not applicable UEL: Not applicable
VAPOR PRESSURE:	Not determined	VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	1.020	SOLUBILITIES	Water: 92%
PARTITION COEFFICIENT (n-octanol/water)	Not determined	AUTOIGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not determined	VISCOSITY:	Not determined

SECTION 10 Stability and Reactivity

Reactivity:	Normally unreactive
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	None known
Conditions to Avoid:	None known
Incompatible Materials:	None.
Hazardous Decomposition:	None.

SECTION 11 Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation:	Inhalation of mist may cause mucous membrane irritation.
Skin Contact:	May cause irritation, seen as localized reddening and swelling.
Eye Contact:	May cause eye irritation with excess tearing and reddening of the conjunctiva.
Ingestion:	No evidence of adverse effects from available information.
Chronic Effects:	This product contains a small amount of crystalline silica. Repeated inhalation of large amounts of silica dust over an extended period of time may result in a progressive, disabling disease, silicosis. Symptoms include shortness of breath, chest pain and reduced lung function.

Carcinogenicity Listing:

Respirable crystalline silica is listed by both NTP and IARC as a human carcinogen. None of the other components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH or OSHA.

ACUTE TOXICITY VALUES:

Magnesium Aluminum Silicate: No acute toxicity values are available.
Bentonite Clay: No acute toxicity values are available.

Quartz: No acute toxicity values are available.

SECTION 12 Ecological Information

Ecotoxicity:	No ecotoxicity data is available at this time.
Persistence and Degradability:	No data is available at this time.
Bioaccumulative Potential:	No data is available at this time.
Mobility in Soil:	No data is available at this time.
Other Adverse Effects:	None known

SECTION 13 Disposal Considerations

Dispose of product in accordance with all local, state/provincial and federal regulations.

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: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/IMDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

**Canada
(TDG)** UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

**Europe
(ADR/RID)** UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: Chronic health

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: This product contains clays which contain small amounts of crystalline silica, as do most natural minerals. Exposure to respirable crystalline silica in the normal use of this product is below the level posing a cancer risk; therefore, labeling is not required.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Class D, Division 2, Subdivision A - (A very toxic material causing other toxic effects) contains a component that is a carcinogen.

CANADIAN WHMIS HAZARD SYMBOLS:



This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): All of the ingredients are listed on the EINECS inventory.

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemicals List (KECL).

CHINA. All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

PHILIPPINES All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

NFPA

Health – 0

Fire – 0

Reactivity – 0

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.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable