

# Material Safety Data Sheet

acc. to ISO9001: 2015

## Section 1-Chemical product and company identification

**Trade name:** ABRO Leak Stop Powder AB-404

**Effective Date:** 2024-07-29

**MSDS#:**2024012601

**Manufacturer/Supplier:** ABRO INDUSTRIES, INC.

3580 Blackthorn Drive  
South Bend, IN 46628 USA

**Emergency Information:** Chemtrec 800-424-9300/703-527-3887

International +1-703-527-3887

## Section 2 - Composition / Information on Ingredients

ITME	Ingredient Name	CAS Number	% vol
01	Silver powder	7440-22-4	>20%
02	silicon dioxide,amorphous	7631-869	>10%
03	sodium hydroxide; caustic soda	1310-73-2	>30%
04	Ginger powder	8002-60-6	>40%

## Section 3 - Hazards Identification

**Classification of the Substance or Mixture**

**Hazard Classification:** not classified

**Label Elements**

**Pictogram:** not required

**Signal Word:** none

**Hazard Statement:** none

**Precautionary Statement:** none

**Other Hazards**

**Description of additional HNOC:** none

## Section 4 - First aid measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**FIRST AID - SKIN CONTACT:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**FIRST AID - 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.

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## Section 5 - Fire-Fighting Measures

**Flash Point:** not available

**Flash Point Method:** not available

**Burning Rate:** not determined

**Autoignition Temperature:** not available

**Lower Flammable Limit (LFL):** not available

**Upper Flammable Limit (UFL):** not available

**Flammability Classification:** not determined

## Section 6 - Accidental Release Measures

**Containment Procedures:** Contain and absorb spill with inert material. Place in suitable container for disposal.

**Clean-Up Procedures:** Attempt to reclaim the free product, if this is possible. If molten product spilled, solidify and recover.

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

## Section 7 - Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling.

Wash hands with soap and water after handling. Launder all clothing before re-use.

### Conditions for safe storage including incompatibilities:

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 50° C (120° F)

## Section 8 - Exposure Controls / Personal Protection

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

**Hand Protection Equipment:** Wear chemical resistant gloves and clothing to prevent skin contact.

**Eye Protection Equipment:** Wear safety glasses or splash goggles to prevent eye contact.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiration/Ventilation Protection Requirements:** Provide good ventilation.

**Ingestion Protection Requirements:** Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

## Section 9 - Physical and Chemical Properties

**Physical State:** powder

**Odor:** odourless

**Odor Threshold:** not available

**Vapor Pressure:** not available

**Vapor Density (Air=1):** not determined

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**Specific Gravity (H<sub>2</sub>O=1):** 1.008

**Water Solubility:** soluble

**Boiling Point:**  $\geq 100^{\circ}\text{C}$

**Melting Point:**  $\leq 0^{\circ}\text{C}$

**Flammability Solid/Gas:** not applicable

**Evaporation Rate:** not available

**pH:**  $> 7.0$

## Section 10 - Stability and Reactivity

### Reactivity:

Does not react under normal conditions

### Chemical stability:

Stable

### Possibility of hazardous reactions:

Does not react under normal conditions

### Conditions to avoid:

Heat and incompatible materials

### Incompatible materials:

Strong oxidizers such as bleach and peroxides

### Hazardous decomposition products:

CO<sub>2</sub>, CO and hydrocarbons

## Section 11- Toxicological Information

Skin corrosion/irritation: Based on available data, classification data are not met

Serious eye damage/irritation: Based on available data, classification data are not met

Respiratory or skin sensitization: Based on available data, classification data are not met

Germ cell mutagenicity: Based on available data, classification data are not met

Carcinogenicity: Based on available data, classification data are not met

Reproductive toxicity: Based on available data, classification data are not met

Specific target organs – single exposure:

Based on available data, classification data are not met

Specific target organs – repeated exposure:

Based on available data, classification data are not met

Aspiration hazard: Based on available data, classification data are not met

Symptoms/injuries after inhalation: May cause respiratory tract irritation

Symptoms/injuries after skin contact: May cause skin irritation. Symptoms may include drying, cracking, or mild dermatitis

Symptoms/injuries after eye contact: May cause temporary eye irritation. Symptoms may include redness, discomfort, and excess tearing.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea and vomiting.

## Section 12 - Ecological Information

**Ecotoxicity:** No information is available on ecotoxicity of this product. Keep product out of sewers and

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waterways.

**Environmental Fate:** No information is available.

## Section 13 - Disposal Considerations

**Waste treatment methods:**

**RCRA Hazardous Waste:** Not regulated as a hazardous waste

**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations

**Waste Disposal Vessel:** Plastic or metal drums

## Section 14 - Transport Information

**Proper Shipping Name:** N/A

**Hazard Class:** N/A

**DOT ID No.:** N/A

**Packing Group:** N/A

**DOT Shipping Label:** N/A

**Additional Shipping Information:** N/A

**NU NUMBER:** N/A

## Section 15 - Regulatory Information

**U.S. Federal Regulatory Information:**

A. General Product Information - All components of this product are listed on the U.S. EPA TSCA Inventory.

B. Component Information - None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

**State Regulations:**

A. General Product Information - No components require labeling under California Proposition 65.

B. Component Information - None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

**Other Regulations:**

A. General Product Information - All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals.

B. Component Information - None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

## Section 16 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.