

PRODUCT NAME: Silicone Sealant 280ml Brown ABRO
PRODUCT NUMBER/SIZE: SS-1100-BRN-RE

Revision Date: 07/01/2022

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: Silicone Sealant
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

GHS Classification:

Eye irritation: Category 2A
Skin irritation: Category 2

Label Pictogram(s):



Hazard pictograms

Signal Word: Warning

Hazard Phrases: Causes skin irritation. Causes serious eye irritation.

Precautionary Phrases: Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see the instructions on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage / Disposal: Dispose of contents and/or container according to local governmental regulations.

Other Hazards: Physical and chemical hazards: No information available
Health hazards:

Inhaled : Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.

Ingestion : Accidental ingestion of the product may be harmful to the health of the individual.

Skin Contact : The product can cause skin irritation following direct contact with the skin.

Eye : Direct contact with this product can cause serious eye irritation.

Environmental hazards

Environmental hazards : Please refer to Section 12 of the SDS.

SECTION 3 Composition/Information on Ingredients

Substance/mixture: Mixture
Mixture

Chemical Name	CAS-No.	Concentration (Wt%)	Classification
Fumed silica	112945-52-5	5~15	Skin Irrit. 2 H315; Eye Irrit. 2 H319; ST OT SE 3 H335
Methylsilanetriyl triacetate	4253-34-3	0~10	Acute T ox. 4 H302; Skin Corr. 1C H314

***The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.**

SECTION 4 First Aid Measures

Description of necessary first aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Ingestion: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Inhalation: Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

Most important symptoms and effects, both acute and delayed

Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. May cause an allergic skin reaction, serious eye irritation, damages to organs through prolonged or repeated exposure. Ingestion is likely to be harmful or have adverse effects.

Protection of first-aiders

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

Ensure that medical personnel are aware of the substance involved.

Take precautions to protect themselves and prevent spread of contamination.

Notes to physician

Treat symptomatically and supportively.
Symptoms may be delayed.

SECTION 5 Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Use extinguishing agent suitable for type of surrounding fire.

Unsuitable extinguishing media: There is no restriction on the type of extinguisher which may be used.

Specific hazards arising from the substance or mixture

Development of hazardous combustion gases or vapor possible in the event of fire. May expand or decompose explosively when heated or involved in fire.

Advice for fire fighters

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Fight fire from a safe distance, with adequate cover. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep unprotected persons away. Follow safe handling advice and personal protective equipment recommendations. Avoid contact with skin, eyes and inhalation of vapors. Remove all sources of ignition. Use personal protection recommended in Section 8.

Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

Reference to other sections

See Section 7, Section 8, Section 13, Section 15 for more information.

SECTION 7 Handling and Storage

Precautions for safe handling

Handling is performed in a well-ventilated place. Wear suitable protective equipment. Avoid contact with skin and eyes. Keep away from heat/sparks/open flames/ hot surfaces. Take care to prevent spills, waste and minimize release to the environment. Persons susceptible to allergic reactions should not handle this product.

Precautions for storage

Keep containers tightly closed. Keep containers in a dry, cool and well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. Store away from incompatible materials and foodstuff containers.

Materials to avoid

Strong oxidizing agents, organic peroxides, acids, foodstuffs, explosives, hot, heat.

SECTION 8 Exposure Controls/Personal Protection

Control parameters

Occupational Exposure limit values

No further relevant information available.

Biological limit values

Biological limit values: No data available

Monitoring methods

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).

Engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Use explosion-proof electrical/ventilating/lighting/equipment. Set up emergency exit and necessary risk-elimination area.

Personal protection equipment

Personal protective equipment



Respiratory protection: If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

Hand protection: Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.

Eye protection: Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).

Skin and body protection: Wear fire/flame resistant/retardant clothing and antistatic boots. Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.)

Hygienic measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Do not inhale gases/fumes/aerosols.

SECTION 9 Physical and Chemical Properties

Appearance: Paste

Odor: Acetic

Odor threshold: No information available

pH: Not applicable

Melting point/freezing point: No information available

Initial boiling point and boiling range (°C): >35

Flash point (°C): ≥93°C (Closed cup)

Evaporation rate: No information available

Flammability: Not flammable

Upper explosive

limits [% (v/v)]: No information available

Lower explosive
limits [% (v/v)]: No information available
Vapor pressure: No information available
Relative vapor
density (Air=1): No information available
Relative density (
Water=1): 0.83~1.03
Solubility (mg/L): Insoluble n-octanol/water partition
coefficient: No information available
Dynamic viscosity: No information available
Particle Characteristics: No information available
Explosive properties: Non explosive
Oxidizing properties: Non oxidizing

SECTION 10 Stability and Reactivity

Reactivity : Not classified as a reactivity hazard.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No information available.
Possibility of hazardous reactions : Incompatible materials, heat, flame and spark.
Incompatible materials : No information available.
Hazardous decomposition products: No data available

SECTION 11 Toxicological Information

Acute toxicity

No further relevant information available.

Carcinogenicity

No further relevant information available.

Others

Skin corrosion/irritation: No further information available
Serious eye damage/irritation: No further information available
Skin sensitization: No further information available
Respiratory sensitization: No further information available
Reproductive toxicity: No further information available
STOT-single exposure: No further information available
STOT-repeated exposure: No further information available
Aspiration hazard: No further information available
Germ cell mutagenicity: No further information available
Reproductive toxicity(additional): No further information available

SECTION 12 Ecological Information

Acute aquatic toxicity

No further relevant information available.

Chronic aquatic toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

No further relevant information available.

SECTION 13 Disposal Considerations

Disposal methods

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not pierce or burn, even after use. If not otherwise specified: Dispose of as unused product.

Disposal recommendations: Refer to section waste chemicals and contaminated packaging.

SECTION 14 Transport Information

UNRTDG:

UN No.: N/A

Class: N/A

Packaging group: N/A

Marine pollutant: N/A

Shipping Name: N/A

Marine Transport IMDG-Code:

UN No.: N/A

Class: N/A

Packaging group: N/A

Marine pollutant: N/A

Shipping Name: N/A

Road Transport ADR:

UN No.: N/A

Class: N/A

Packaging group: N/A

Marine pollutant: N/A

Shipping Name: N/A

Air Transport IATA-DGR:

UN No.: N/A

Class: N/A

Packaging group: N/A

Marine pollutant: N/A

Shipping Name: N/A

SECTION 15 Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SECTION 16
Other Information

National Fire Protection Association (U.S.A.)

Health: 1

Flammability: 1

Instability/Reactivity: 1

Special: N/A

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