

**PRODUCT NAME:** Sanitary Silicone Sealant 280ml Clear ABRO  
**PRODUCT NUMBER/SIZE:** SS-1100-SAN-WHT-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:**

Carc. : Cate.2  
Eye Damage : Cate.1  
Skin Irrit. : Cate.2  
Skin Sens. : Cate.1  
ST OT RE : Cate.2

**Label Pictogram(s):**



Hazard pictograms

**Signal Word:** **Danger**

**Hazard Phrases:** May cause an allergic skin reaction. Causes serious eye damage. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

**Precautionary Phrases:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

**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. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. Specific treatment (see the instructions on this label). If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

**Storage / Disposal:** Store locked up. Dispose of contents/ container in accordance with local/regional/ national/international standards.

**Other Hazards:** Physical and chemical hazards: No information available  
2-butanone oxime (i.e. methyl ethyl ketoxime, abbreviated as MEKO, CAS No.: 96-29-7) is generated during the curing process when using this product, which will be gasified. 2-butanone oxime is classified as a health hazard.

**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
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0-1	Eye Damage 1 H318; Skin Sens. 1B H317; ST OT Single Exp. 3 H335
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	2224-33-1	0-5	Eye Damage 1 H318; Skin Sens. 1B H317; ST OT Rep. Exp. 2 H373;
Phenyl - tris (methylethylketoxime) silane	34036-80-1	0-5	Skin Sens. 1 H317; ST OT RE 2 H373; Aquatic Chronic 3 H412

**\*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 expansion 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, heat, 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: Slightly

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): 0.90-1.10

Solubility (mg/L): Insoluble n-octanol/watercoefficient: 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

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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