

### 1. Substance/Preparation and Company Identification

Company

Abri Industries, LLC.  
8055 West Manchester Ave Suite 735  
Playa Del Rey, CA 90293

24-Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

### 2. Product Description

- Water and Liquid Repellent: AUS is a one component, liquid silicon rubber dispersion which when applied according to specifications seals porous surfaces making them resistant to penetration by water and other liquids with little or no change in color or appearance.
- AUS has material flexibility after curing which allows for expansion and contraction, building movement and temperature extremes between -70 and +400 degrees F.

### 3. Composition/Information on Ingredients

<u>Input</u>	<u>CAS #</u>	<u>Weight %</u>
Water	7732-18-5	<60%
Aminoethylaminopropylpolysiloxane	68554-54-1	<10%
Octamethylcyclotetrasiloxane	556-67-2	<10%
Dimethyl Siloxane	70131-67-8	<10%

#### A) Typical Uncured properties

Product Name:	Abri Universal Sealer (AUS)
Appearance and Odor:	White, milk-like liquid with very mild odor
Boiling Range:	> 212 F
Vapor Density	(Air-1)+1
Evaporation Rate:	(Butyl Acetate - 1)
Specific Gravity:	(H.0-1):1.0
Solubility in Water:	Soluble VOC less water than 25 grams per liter
Vapor Pressure (mm Hg)	N/A
Percent Volatile:	None
Melting Point:	N/A
PH:	7-10
Solids by Weight:	5-8%

### 3. Composition/Information on Ingredients (continued)

#### B) Typical Cured Properties

Initial Cure:	1.5 hours
Full Cure:	24-48 hours depending upon substrate and weather conditions
ASTM E96:	Water vapor transmission .017 grains/hour/foot cubed
ASTM D412:	Elongation 325%
Permeability:	.040 (Perm)
UV Resistance:	Excellent

### 4. Fire and Explosion Hazard Data

Flammable Limits:	None.
Flash Point Range:	None to boiling.
Extinguishing Media:	This material will not burn. Use that which is appropriate for surrounding fire.
Unusual Fire/Explosion Hazards:	None are expected.
Fire Fighting Procedures:	The use of a self-contained breathing apparatus (SCBA) is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.

### 5. Emergency and First Aid Measures

Eyes:	May cause irritation. Flush with water.
Skin:	This product may cause skin irritation. Wash with soap and water.
Inhalation:	Inhalation of excessive concentrations of mists may cause irritation of the nose and throat. If this occurs, move victim away from cause of exposure and into fresh air. If symptoms persist, seek immediate medical attention.
Ingestion:	DO NOT INDUCE VOMITTING. SEEK IMMEDIATE MEDICAL ATTENTION or CONTACT POISON CONTROL CENTER.

### 6. Stability and Reactivity Data

Stability:	Stable
Conditions to Avoid:	None known
Hazardous Decomposition:	None Known
Incompatibility (Materials to avoid):	None.

### 7. Handling and Storage

Handling and Storage:	Keep container closed when not in use and in a cool, dry, well-ventilated area. Avoid extreme temperatures (below freezing / above 120F). Protect containers from physical damage. Avoid contact with eyes. Avoid breathing fumes and use in a well-ventilated area. Consumption of food and beverages should be avoided in work area where product is being used. After handling product, always wash hands and face thoroughly with soap and water before eating, drinking or smoking.
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## 8. Health Hazard Data

Routes of Entry:	Inhalation, Skin and Ingestion	Yes
Health Hazards (Acute and Chronic):	Carcinogenicity	No
Unrelated NTP:		No
LARC:		No
OSHA Regulated:		
Signs and Symptoms of Exposure:	Eye and Skin Irritation	
Medical Conditions Aggravated by Exposure:	Eye and Skin Irritation	

## 9. Exposure Controls and Personal Protection

Respiratory Protection:	None Required.
Ventilation:	None
Protective Gloves:	Any rubber gloves.
Eye Protection:	Chemical splash goggles or safety glasses.
Other Protective:	Clothing or equipment.
Work / Hygiene Practices:	Keep body contact and splash to a minimum. Use in a ventilated area, unless recommended respiratory protection is used.

## 10. Spill or Leak Procedures

Steps to be taken in case the material is released or spilled: Use sponges or mop to put liquid in a container. Allow water to evaporate from the container. Solids are non-toxic. Clean all equipment with soap and water. If product has cured clean with mineral spirits or paint thinner.

Water disposal: Dispose solids in usual trash or in accordance with the applicable local, county, state, and federal regulations.

Handling and Storage Precautions: Avoid freezing and temperatures above 100 Degrees F.

## 11. Transportation Information

DOT Shipping Name:	Not regulated
Land Transport:	US DOT – Not classified as a dangerous good under transportation regulations.
Sea Transport:	IMDG – Not classified as a dangerous good under transportation regulations.
Air Transport:	IATA/IACO – Not classified as a dangerous good under transportation regulations.

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