

**McGill AirSeal LLC**  
**MATERIAL SAFETY DATA SHEET**

MSDS Name: UNI-SIL Silicone Sealer  
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**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: UNI-SIL Silicone Sealer  
CAS Number: none  
HMIS Hazard Rating: Health: 2 Fire: 1 Reactivity: 0  
Company Identification: McGill AirSeal LLC  
2400 Fairwood Avenue  
Columbus, Ohio 43207  
Contact: McGill AirSeal LLC  
Telephone: (800) 624-5535 (614) 443-5520  
Fax: (614) 542-2620  
Chemtrec (24 hour): (800) 424-9300  
Chemtrec International: (703) 527-3887  
Product Class: silicone elastomer  
Product Use: sealer  
Product Code: 008911

**SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS**

Hazardous Ingredients	CAS Number	Percent
triacetoxymethylsilane	17689-77-9	≤ 2
methylsilanetriyl triacetate	4253-34-3	≤ 2
distillates (petroleum), hydro-treated middle	64742-46-7	≤ 26
Naphtha (petroleum), hydrotreated heavy	64742-48-9	≤ 26

OSHA PELs and ACGIH TLVs are listed in Section 8 where applicable.

**SECTION 3 – HAZARD IDENTIFICATION**

**ROUTES OF ENTRY:**

Ingestion: Yes  
Inhalation: Yes  
Skin: Yes  
Eye: Yes

**ACUTE EFFECTS**

**INHALATION:** Irritates respiratory passages very slightly.

**INGESTION:** No significant effects expected from a single short-term exposure.

**SKIN:** May cause moderate irritation.

**EYE:** Direct contact may cause moderate irritation.

**PROLONGED/REPEATED EXPOSURE EFFECTS**

**INGESTION:** No known applicable information.

**INHALATION:** No known applicable information.

**SKIN:** No known applicable information.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**INGESTION:** No known applicable information.

**INHALATION:** No known applicable information.

**SKIN:** No known applicable information.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

**INGESTION:** No known applicable information.

**INHALATION:** No known applicable information.

**SKIN:** No known applicable information.

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**SECTION 4 – FIRST AID MEASURES**

Treat according to person's condition and specifics of exposure.

**INHALATION:**

Remove to fresh air. No first aid should be needed. If difficulty persists seek medical attention.

**INGESTION:**

No first aid should be needed.

**SKIN:**

Remove from skin and wash with soap and water. Contact a physician if irritation develops or persists.

**EYE:**

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

**SECTION 5 – FIRE-FIGHTING MEASURES**

Flash Point: N/A  
Explosive Range: Lower explosive limit: Not determined  
Upper explosive limit: Not determined  
Autoignition Temperature: Not determined

**EXTINGUISHING MEDIA:**

On small fires, use carbon dioxide, dry chemical, or water spray. On large fires, use dry chemical, foam, or water spray.

**HAZARDOUS COMBUSTION PRODUCTS:**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: carbon oxides and traces of incompletely burned carbon compounds, formaldehyde, and silicone dioxide. When heated to temperatures about 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system.

**FIRE FIGHTING PROCEDURES:**

Wear a NIOSH approved self-contained breathing apparatus. Wear appropriate personal protective equipment. Water can be used to keep fire-exposed containers cool. Determine the need to evacuate or isolate the area according to your local emergency plan.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**CONTAINMENT/CLEAN-UP TECHNIQUES:**

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (PPE) (See Section 8). Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate, because spilled materials may present a slip hazard. Final cleaning may require use of steam, solvents, or detergents. Dispose of saturated absorbent or cleaning materials appropriately, because spontaneous heating may occur. Federal, state, and local laws and regulations may apply to releases and disposal of material as well as the materials used to cleanup releases. Sections 13 and 15 provide information regarding certain federal and state requirements.

**SECTION 7 – HANDLING AND STORAGE**

**HANDLING:**

Use with adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

**STORAGE:**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

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**SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Occupational Exposure Limits

	ACGIH TLV: TWA	ACGIH STEL	OSHA PEL: TWA
triacetoxymethylsilane	10.00 ppm	15.00 ppm	10.00 ppm

**ENGINEERING CONTROLS:**

Use local exhaust as needed to maintain occupational exposure limits. Maintain standard plant ventilation.

**OTHER:**

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

**RESPIRATORY PROTECTION:**

Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

**EYE PROTECTION:**

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

**SKIN PROTECTION:**

Where skin contact can occur wear impervious gloves. Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form:	paste
Appearance/Color:	aluminum/white/clear/black/limestone/bronze
Odor:	acetic acid odor
Solubility (in water):	not determined
pH Value:	not determined
Boiling range/Point:	not determined
Evaporation Rate:	not determined
Specific Gravity:	0.96 (at 25°C)
Volatile Content:	not determined
Viscosity:	not determined

**SECTION 10 – STABILITY AND REACTIVITY**

Stability:	This product is stable.
Hazardous polymerization:	Hazardous polymerization will not occur.

**CONDITIONS TO AVOID:**

None

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

No known applicable information on special hazards on components.

**SECTION 12 – ECOLOGICAL INFORMATION**

This formulation has not been tested for environmental effects.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS (40 CFR 261)**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No  
Disposal of this product and container must comply with all applicable federal, state, and local regulations.

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**SECTION 14 – TRANSPORT INFORMATION**

**DOT Road Shipment Information (49 CFR 172.101)**

Not subjected to DOT.

**Ocean Shipment (IMDG)**

Not subjected to IMDG code.

**Air Shipment (IATA)**

Not subjected to IATA regulations.

**SECTION 15 – REGULATORY INFORMATION**

**SARA TITLE III CHEMICAL LISTINGS:**

**Section 302 Extremely Hazardous Substances:**

None

**Section 304 CERCLA Hazardous Substances:**

None

**Section 312 Hazard Class:**

Acute: Yes      Chronic: No      Fire: No      Pressure: No      Reactive: No

**Section 313 Toxic Chemicals:**

None present or none present in regulated quantities.

**TSCA (Toxic Substances Control Act Inventory):**

All Components of this product are listed on the TSCA inventory except as exempted.

**SUPPLEMENTAL STATE COMPLIANCE INFORMATION:**

**CALIFORNIA - PROP 65 (TERATOGEN)**

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

None known.

**PENNSYLVANIA:**

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	<= 87.0	Dimethyl siloxane, hydroxyl-terminated
7631-86-9	<= 10.0	Silica, amorphous

**MASSACHUSETTS:**

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
7631-86-9	<= 10.0	Silica, amorphous

**NEW JERSEY:**

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
70131-67-8	<= 87.0	Dimethyl siloxane, hydroxyl-terminated
7631-86-9	<= 10.0	Silica, amorphous
64742-46-7	<= 25	Distillates (petroleum), hydro-treated middle
17689-77-9	≤ 2%	Triacetoxethylsilane

**SECTION 16 – OTHER INFORMATION**

**DISCLAIMER:**

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, McGill AirSeal LLC makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.