

# 9900 ROOF-TEC Silicone Roof Coating

## SECTION 1

## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 9900 ROOF-TEC Silicone Roof Coating  
**Version:** 1  
**Identifier 1:** Silicone Coating  
**Identifier 2:** 9900  
**Chemical Family:** Mixture  
**Product Use:** Coating and Repairing Exterior Roof Surfaces

**Company Information:** Anvil Paints & Coatings, Inc.  
1255 Starkey Road  
Largo, FL 33771  
Phone: (800) 822-6776  
Internet Address: [www.anvilpaints.com](http://www.anvilpaints.com)

**Emergency Phone (24 hours):** INFOTRAC  
1-800-535-5053 (US & Canada)  
1-352-323-3500 (International)

## SECTION 2

## HAZARD(S) IDENTIFICATION

**Hazard Classification:** **Health Hazards**  
Aspiration Hazard, Category 1  
Skin Corrosion/Irritation, Category 2  
Eye Damage/Irritation, Category 1

**Pictogram(s):**



**Signal Word:** DANGER

**Hazard Statements:** H350 - May cause cancer.

**Precautionary Statements:** **Prevention**  
P264 - Wash skin thoroughly after handling.  
P270 - Do not eat, drink, or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

- P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 - If skin irritation occurs: Get medical advice/attention.
- P305+P351+P338+P310 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- P321 - Specific treatment (see additional information on this product's label).
- P362 - Take off contaminated clothing and wash before reuse.

**Storage**

- P405 - Store locked up.

**Disposal**

- P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

**SECTION 3****COMPOSITION/INFORMATION ON INGREDIENTS**

## Hazardous Ingredients

Chemical Name	CAS Number	Concentration (%)
Dimethyl siloxane, hydroxyl-terminated	70131-67-8	50.00 – 60.00%
Silica, Quartz (Unbound)*	14808-60-7	30.00 – 40.00%
Titanium Dioxide (Unbound)*	13463-67-7	0.00 – 10.00%
Vinyltrimethoxysilane	2768-02-7	0.00 – 10.00%
Methyl Tris (MEKO) Silane	22984-54-9	0.00 – 10.00%

\*The hazards of the listed Titanium Dioxide and Crystalline Silica (Quartz) are for their powder unbound forms. When the chemicals are used in applications such as textures or coatings, the chemicals become bound and are not in their hazardous form.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**SECTION 4****FIRST-AID MEASURES**

- Inhalation:** Move to fresh air.
- Skin Contact:** Wash skin with soap and water.
- Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.  
Consult a physician.
- Ingestion:** Clean mouth with water and drink plenty of water afterwards.
- Most Important Symptoms and Effects, Both Acute and Delayed:** No information available

<b>Protection of First-Aiders:</b>	Move up wind and out of dangerous area(s). Consult a physician. Show this Safety Data Sheet to the doctor in attendance.
<b>Notes to Physician:</b>	Treat symptomatically.

**SECTION 5****FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	Carbon Dioxide, foam, dry chemical, Halon, and any "B" class fire extinguisher.
<b>Unsuitable Extinguishing Media:</b>	Water
<b>Specific Extinguishing Methods:</b>	No information available.
<b>Special Protective Equipment for Firefighters:</b>	In the event of fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6****ACCIDENTAL RELEASE MEASURES**

<b>Handling Precautions:</b>	Contain spill as quickly as possible. Use personal protective equipment. Deny access to unprotected persons. Avoid breathing dust/fumes/gas/mist/vapors/spray.
<b>Environmental precautions:</b>	See Section 12 for additional ecological information.
<b>Cleanup:</b>	Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to federal, state, and local requirements (see Section 13).
<b>Waste Disposal:</b>	Bury in an approved landfill according to federal, state, and local requirements. Empty containers that have been completely emptied and the residue allowed to dry are not considered hazardous waste.
<b>Regulatory Requirements:</b>	Follow applicable OSHA regulations (29 CFR 1940.120).

**SECTION 7****HANDLING AND STORAGE**

<b>Handling Precautions:</b>	Keep container closed when not in use. Do not breathe vapors or spray mist. Avoid exceeding the given occupational exposure limits (see Section 8). Do not get in eyes, on skin, or on clothing. For personal protection, see Section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
------------------------------	--

**Storage Requirements:** Store in a dry, ventilated area.  
Store in original container.  
Maintain package labeling during storage.  
Keep container tightly closed.  
Observe label precautions.  
Store in accordance with local regulations.

**SECTION 8****EXPOSURE CONTROLS/PERSONAL PROTECTION**

## Exposure Limits

Component	CAS Number	Basis **	Value	Exposure Limit(s)* / Form of Exposure
Silica (Quartz) (Unbound)***	14808-60-7	OSHA	TWA	(50 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) (Respirable)
		ACGIH	TLV	.025 mg/m <sup>3</sup> (Respirable) (for α-quartz and cristobalite)
		NIOSH	IDLH	50 mg/m <sup>3</sup> (Respirable Dust)
Titanium Dioxide (Unbound)***	13463-67-7	NIOSH	TWA	0.05 mg/m <sup>3</sup> (Respirable Dust)
		ACGIH	TLV	10 mg/m <sup>3</sup> (Total Dust)
		OSHA	TWA	10 mg/m <sup>3</sup> (Total Dust)
		NIOSH	IDLH	5000 mg/m <sup>3</sup>
		NIOSH	TWA	2.4 mg/m <sup>3</sup> CIB 63 fine

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

**\*\*Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminant (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

\*\*\*The hazards of the listed Titanium Dioxide and Crystalline Silica (Quartz) are for their powder unbound forms. When the chemicals are used in applications such as textures or coatings, the chemicals become bound and are not in their hazardous form.

**Engineering Measures:**

Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Keep eyewash stations or showers nearby.

**Personal Protective Equipment:****Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.

**Hand Protection**

No special technical protective measures are necessary.

**Eye Protection**

No special technical protective measures are necessary.

**Skin and Body Protection**

No special technical protective measures are necessary.

**Hygiene Measures**

Avoid contact with skin, eyes, and clothing.

Wash hands before breaks and immediately after handling the product.

Remove respiratory, and skin/eye protection only after vapors have been cleared from the area.

Remove contaminated clothing and protective equipment before entering eating areas.

Wash thoroughly after handling.

With good industrial hygiene, no other precautions should be necessary.

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Chemical Type:</b>	Mixture
<b>Appearance:</b>	Liquid
<b>Color:</b>	Clear or Colored
<b>Relative Density:</b>	11.5
<b>pH:</b>	N/A
<b>Odor:</b>	Peppermint
<b>Solubility:</b>	Not available
<b>Flash Point:</b>	N/A
<b>VOC:</b>	Not available

**SECTION 10****STABILITY AND REACTIVITY**

<b>Hazardous Decomposition or Incompatible Products:</b>	None established.
<b>Chemical Stability:</b>	The product is chemically stable.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight, as these conditions could lead to pressure build-up in a sealed container.

**SECTION 11****TOXICOLOGICAL INFORMATION**

## Toxicity

Hazardous Ingredient Name	Acute or Chronic?	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Dermal LC <sub>50</sub>
Crystalline Silica (Quartz) (Unbound)*	Chronic	NE**	NE**	NE**
Dimethyl siloxane, hydroxy-terminated	No	> 15,400 mg/kg (rat)	> 16 mL/kg (rabbit)	NE**
Vinyltrimethoxysilane	No	> 10,000 mg/kg (rat)	NE**	NE**
Titanium Dioxide (Unbound)*	Chronic (Inhalation)	> 10,000 mg/kg (rat)	≥ 10,000 mg/kg (hamster)	NE**

\*The hazards of the listed Titanium Dioxide and Crystalline Silica (Quartz) are for their powder unbound forms. When the chemicals are used in applications such as textures or coatings, the chemicals become bound and are not in their hazardous form.

\*\*NE = No Evidence

**Irritation:** Not available

**Sensitization:** Not available

## SECTION 12

## ECOLOGICAL INFORMATION

Environmental Data:

Components	Species	Test Results
NA	NA	NA

**Environmental Hazard:** This product mixture is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Mobility in Soil:** Not mobile.

**Other Information:** Do not empty into drains; dispose of this material and its container in accordance with state and local regulations. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

## SECTION 13

## DISPOSAL CONSIDERATIONS

**Disposal Methods:** **Waste from Residues**  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any federal, state, and local requirements.

**Contaminated Packaging**  
Empty containers may contain residues which may be considered hazardous. Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with federal, state, and local requirements.

## SECTION 14

## TRANSPORT INFORMATION

**Shipping:** Non-Hazardous. Ship as class 55.

## SECTION 15

## REGULATORY INFORMATION

**TSCA list:** Silica Quartz is in this product and is listed on the TSCA Inventory.

**CERCLA Reportable Quantity:** This material does not contain any components with a CERCLA RQ.

**SARA304 Reportable Quantity:** This material does not contain any components with a section 304 EHS RQ.

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

---

<b>Clean Air Act:</b>	This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).  This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
<b>California Prop 65:</b>	<b>WARNING:</b> This product can expose you to chemicals including Titanium Dioxide and Crystalline Silica Quartz, which is known to the State of California to cause <a href="#">cancer</a> . For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .
<b>Labeling:</b>	Danger: May Cause Cancer

---

### SECTION 16

### OTHER INFORMATION

---

<b>Further Information:</b>	This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200
<b>Disclaimer:</b>	To the best of our knowledge, the information contained herein is accurate. However Anvil Paints & Coatings, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although Anvil Paints & Coatings, Inc. has described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.