

ASC SM

SAFETY DATA SHEET

=====**Section 1 – Identification**=====

Product Name: ASC SM Silicone Mastic
Chemical Name: Mixture
U.N. Number: UN1993
Chemical Family: Silicone Coating
Product Use: Roof Coating
Product #: ASC SM Silicone Mastic

Manufacturer: American Standard Coatings
 9631 De Soto Avenue, Chatsworth,, CA 91311
Information Contacts: (562) 777-8200
Emergency Phone Numbers: (800) 535 - 5053
HMIS Rating: H F R P
 1 1 0 H

=====**Section 2 - Hazards Identification**=====

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

- **INHALATION:** Breathing excessive vapors or mist may cause nose, throat or lung irritation.
- **INGESTION:** Not an expected route of entry. Ingestion can cause distress to the digestive tract.
- **SKIN CONTACT:** Prolonged or repeated skin contact can cause irritation.
- **EYE CONTACT:** Eye contact can cause irritation.

CHRONIC:

TARGET ORGANS: ACUTE: Eye, Respiratory System, and Skin. CHRONIC: Skin

=====**Section 3 - Composition/Information on Ingredients**=====

CHEMICAL IDENTITY	CAS#	EC Number	Weight %	Hazard Classification
Silicone Polymer	Trade Secret	N/A	55 - 65%	Non Hazard
Titanium Dioxide	13463-67-7	236-675-5	10 - 20%	Non Hazard
Fumed Silica (Amorphous Crystal free)	112945-52-5	N/A	2 – 5%	Irritant
Methyl Tris(MEKO)Silane	22984-54-9	N/A	4 – 8%	Irritant
Nepheline Syenite	37244-96-5	246-771-9	20 - 30%	Non Hazard
Minifibers	9002-88-4	Not Listed	1 - 4%	Non Hazard

=====**Section 4 - First Aid Measures**=====

First Aid for Eye:

Flush with plenty of water for 15 minutes, including under eyelids. Seek medical attention if discomfort persists.

First Aid for Skin:

Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water.

First Aid for Inhalation:

Remove to fresh air. If having difficulty, give oxygen. If breathing has stopped, give artificial respiration. Get Medical help if discomfort persists.

First Aid for Ingestion:

Seek prompt medical attention IMMEDIATELY.

=====**Section 5 - Fire Fighting Measures**=====

EXTINGUISHING MEDIA: Suitable extinguishing media: water spray, foam, dry powder

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SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: No particular hazards known
ADVICE FOR FIREFIGHTERS:

Protective equipment for fire-fighting: firefighters should be equipped with self-containing breathing apparatus and turn out gear

FURTHER INFORMATION:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing methods of surrounding areas must be considered.

===== **Section 6 - Accidental Release Measures** =====

FURTHER ACCIDENTAL RELEASE MEASURES: High risk of slipping due to leakage/spillage of product.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Use personal protective clothing. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS: Do not release untreated into natural waters.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills shall be contained, solidified, and placed in suitable containers for disposal.

===== **Section 7 - Handling and Storage** =====

Handling & Storage

Store in well-ventilated area. . Keep containers tightly closed when not in use store away from ignition sources. Store in a clean, dry area.

Other Precautions

All precautions must be observed. Empty container may retain product residue (Solid or liquid). Store protected against freezing.

===== **Section 8 - Exposure Controls / Personal Protection** =====

EXPOSURE LIMITS/GUIDELINES:

MATERIAL	CAS NO.	ACGIH		OSHA
		TWA	STEL	TWA
Chemical Ingredients	CAS #			
Silicone Polymer	Trade Secret	Not Listed	Not Listed	Non Hazard
Titanium Di oxide	13463-67-7	10 mg/m3	10 mg/m3	15 mg/m3
Fumed Silica (Amorphous Crystal free)	112945-52-5	Not Listed	Not Listed	Non Hazard
Methyl Tris(MEKO) Silane	22984-54-9	Not Listed	Not Listed	Non Hazard
Nepheline Syenite	37244-96-5	Not Listed	Not Listed	Non Hazard
Minifibers	9002-88-4	10 mg/m ³	Not Listed	15 mg/m ³

▪ **Personal Protection**

- Respiratory Protection – Wear an appropriate, properly fitted respirator (NIOSH/MSHA approve during application and handling unless air monitoring demonstrates vapor/ mist levels below applicable limits. Follow respirator manufacturer’s recommendations for selection and use.
- Ventilation – Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL Limits as listed in section 8.
- Protective Gloves – Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.
- Eye Protection – Splash-proof chemical goggles should be worn.
- Other Protective Equipment – Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.
- Hygienic Practices- Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

===== **Section 9 - Physical and Chemical Properties** =====

FLASH POINT: > 141.0 °F (> 60.0 °C)

SPECIFIC GRAVITY (H₂O=1): 1.23 -1.29

VAPOR DENSITY: Lighter than air.

COATING V.O.C.: 0.01 g/l

SOLIDS BY WEIGHT: 99.00%

APPEARANCE AND ODOR: Viscous liquid with mild odor.

BOILING RANGE: 163.4 - 491°F

SOLUBILITY IN WATER: Complete.

EVAPORATION RATE: Slower than the air.

MATERIAL V.O.C.: 0.01 g/l

SOILIDS BY VOLUME: 99.00%

===== **Section 10 - Stability and Reactivity** =====

REACTIVITY: No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: Corrosive effects to metal are not anticipated.

Oxidizing properties: not fire-propagating.

CHEMICAL STABILITY: The product is stable if stored and handled as prescribed/indicated.

POSSIBILITY OF HAZARDOUS REACTIONS: No hazardous reactions when stored and handled according to instructions. After long storage, slight quantities of carbon monoxide may be formed. The product is chemically stable.

CONDITIONS TO AVOID: Avoid extreme heat.

INCOMPATIBLE MATERIALS: Metal salts.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, hydrocarbons.

===== **Section 11 - Toxicological Information** =====

TOXICITY DATA:

No LD50 Data Available

SUSPECTED CANCER AGENT:

Ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore it is Considered to be, or suspected to be a cancer-causing agent by these agencies. Crystalline Silica

IRRITANCY OF PRODUCT:

Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT:

This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION:

No information concerning the effects of this product and its components on the human reproductive system.

=====**Section 12 - Ecological Information**=====

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY:

No Data available at this time.

EFFECT OF MATERIAL ON PLANTS or ANIMALS:

No Data available at this time.

EFFECT OF CHEMICAL ON AQUATIC LIFE:

No Data available at this time.

=====**Section 13 - Disposal Considerations**=====

Dispose of in accordance with all local, state and federal regulations.

=====**Section 14 - Transport Information**=====

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: Not Applicable

UN IDENTIFICATION NUMBER: Not Applicable

PACKING GROUP: Not Applicable.

DOT LABEL(S) REQUIRED: Not Applicable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): Not Applicable

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

=====**Section 15 - Regulatory Information**=====

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS:

This product is not subject to the reporting requirements Of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA:

All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: Yes Reactivity: No Health: No

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U.S. SARA THRESHOLD PLANNING QUANTITY:

There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb. (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

One or more of the ingredients are on the California Proposition 65 lists.

WARNING! This product contains ingredients that are known to the State of California to cause cancer or reproductive harm.

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS:

All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS:

This is not considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore not subject

===== **Section 16 - Other Information** =====

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