

ASC 9

SAFETY DATA SHEET

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

Product Name: ASC 9 Emulsion **Manufacturer:** American Standard Coating
Chemical Name: Asphalt Emulsion 9631 De Soto Ave, Chatsworth, CA 91311
Information Contacts: (562) 777-8200
Chemical Family: Asphalt Emulsion **Emergency Phone Numbers:** US & Canada (800) 535 - 5053
Product Use: Roof Coating **NFPA Rating:** H F P A **HMIS Rating:** H F R P
Product #: ASC 9 Emulsion 1 0 0 1 0 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: None known

TARGET ORGANS: ACUTE: Eye, Respiratory System, Skin. CHRONIC: None Known

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

CHEMICAL IDENTITY	CAS#	EC Number	Weight %	Hazard Classification
Acrylic Emulsion	25852-37-3	Not Listed	20 - 30%	Non Hazard
Asphalt	8052-42-4	215-279-6	40 - 55%	Non Hazard
Water	7732-18-5	231-791	33 - 45%	Non Hazard
Bentonite Clay	1302-78-9	-	5 - 15%	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:

Do not induce vomiting. Seek prompt medical attention IMMEDIATELY.

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

FLASH POINT: > 212° F

Flash Point Method: Seta flash

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): NA Upper (UEL): NA

FIRE EXTINGUISHING MATERIALS: As appropriate for surrounding fire. Carbon dioxide, foam, dry chemical, sand, or water FOG.

SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product is non-flammable, however dried product can burn, may release irritating, corrosive and/or toxic gases, vapors and fumes.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and Protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from storm drains, bodies of water, or other environmentally sensitive areas.

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

Spill or Release

Remove all sources of ignition. Wear appropriate safety equipment as listed in Section 8. Absorb on inert material and dispose in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of 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).

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

EXPOSURE LIMITS/GUIDELINES:

MATERIAL	CAS NO.	ACGIH		OSHA
		TWA	STEL	TWA
Acrylic Emulsion	25852-37-3	Not Listed	Not Listed	Non Hazard
Asphalt	8052-42-4	0.5 mg/m ³	-	5 mg/m ³
Water	7732-18-5	Not Listed	Not Listed	Non Hazard
Bentonite Clay	1302-78-9	1mg/m ³	-	Non Hazard

▪ **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.

ASC 9

SAFETY DATA SHEET

- 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: N/A

SPECIFIC GRAVITY (H₂O=1): 1.04

VAPOR DENSITY: 5.3

COATING V.O.C.: 0.00 g/l

SOLIDS BY WEIGHT: 99.0%

APPEARANCE AND ODOR: Black Paint with Mild odor

BOILING RANGE: 163.4 - 491°F

SOLUBILITY IN WATER: Dispersible.

EVAPORATION RATE: Slower than the air.

MATERIAL V.O.C.: 0.00 g/l

SOILIDS BY VOLUME: 99.0%

pH RANGE: Not applicable

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

REACTIVITY:

Not applicable

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal use.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

CONDITIONS TO AVOID:

None known for product as a whole.

INCOMPATIBLE MATERIALS:

Strong acids. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiates.

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

PRODUCT INFORMATION:

Toxicological testing has not been conducted for this product overall. Available toxicological data for

Individual ingredients are summarized below.

INHALATION:

Avoid breathing vapors or mists.

EYE CONTACT:

Avoid contact with eyes. Contact with eyes may cause irritation and damage.

SKIN CONTACT;

May cause irritation.

INGESTION:

If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

COMPONENT INFORMATION: * The IARC Monograph (Vol. 103, 2013, Bitumen and Bitumen Emissions) defines Asphalt as 'Group 2B, Possible Carcinogen to Humans'. This definition is based on studies of exposure to Asphalt fumes at elevated temperatures. The Monograph states that temperature plays an important role in

ASC 9

SAFETY DATA SHEET

determining the degree of exposure and also the carcinogenic potential of bitumen emissions. This same Monograph states that Asphalt is

REPRODUCTIVE TOXICITY INFORMATION:

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

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

ECO-TOXICITY:

47.4 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>ALGAE/AQUATIC PLANTS</u>	<u>FISH</u>	<u>CRUSTACEANS</u>
Bentonite	1302-78-9		19000: 96 h Oncorhynchus mykiss mg/L LC50 static 8.0 - 19.0: 96 h Salmon Gardner g/L LC50	

PERSISTENCE AND DEGRADABILITY:

No information available.

BIOACCUMULATION:

No information available.

CHEMICAL NAME

Asphalt (at Ambient Temperature) 8052-42-4

PARTITION COEFFICIENT

>6

OTHER ADVERSE EFFECTS:

No information available

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

Dispose of in accordance with all local, state and federal regulations. Do not reuse container.

=====**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.

ASC 9

SAFETY DATA SHEET

===== **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: No Fire: No Reactivity: No

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 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** =====

DISCLAIMER

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied regarding its correctness or suitability for consumers intended use and /or application. For this and other reasons, ASC assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the MSDS may not be applicable. If there are any problems or concerns understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.

ASC components are provided as basis without warranties of any kind either expressed or implied. ASC does not warrant the use or the results of use of the materials sold on an as is basis since they are intended for remanufacturing or repackaging. It is the sole responsibility of the user to examine and determine appropriate application and regulatory requirements associated with said ASC components.