

Southwestern Petroleum Corporation • 534 North Main Street • Fort Worth, Texas 76106 USA

# Material Safety Data Sheet

**Product Trade Name:** Aluminum Roof Coating-Silver      **Revision Date:** 000630

**Emergency Phone Number:** CHEMTREC 1-800-424-9300

**Chemical Family:** Petroleum Hydrocarbon

## Section 1: Fire and Explosion Hazards

**NFPA Codes -- Health:** 1      **Fire:** 3      **Reactivity:** 1      **Other:** SEE NOTE 1

**Flash Point, °C:** 38      **Method:** PMCC      **Auto Ignition Temp. , °C:** NDA

**Flammable Limits, %Volume -- Lower:** 1      **Upper. , °C:** 6-SOLVENTS

**Extinguishing Media:** Carbon dioxide, dry chemical, foam (use a class d agent or dry inert granular material if a powder fire exists).

**Special Firefighting Procedures:** Do not use water or halogenated extinguishing agents. Fire normally begins as a solvent fire and can be fought using class b extinguishing agents. It may at some point exhibit characteristics of a powder fire. If careful use of class b agents appear to accelerate the fire, discontinue their use immediately and begin treatment for a powder fire using class d agents or dry inert granular material. If the aluminum metal has ignited, it may continue to burn under a crust without apparent flames, and should not be disturbed. . Carbon dioxide may be used against solvent fires, however, the residual material must be immediately smothered to avoid reignition. . In all cases, apply extinguishing agents carefully. Do not allow extinguishing methods to create airborne material.

**Unusual Fire & Explosion Hazards:** Material contains flake aluminum, water or halogenated materials can create an explosion hazard. Fire may progress from a solvent to a powder fire. .

Note 1: water reactive

## Section 2: Physical Data

**Boiling Point:** 149°C

**Melting Point:** NA

**Specific Gravity (Water = 1):** NA

**Ph:** NA

**Water Solubility:** NO

**Vapor Density (Air = 1):** >3

**Percent Volatile By Volume:** 20 TO 60

**Primary Volatiles:** Petroleum naphtha

**Odor:** Characteristic of volatiles

**Appearance:** Bronze to silver

## Section 3: Reactivity Data

**Stability:** Stable except as noted under incompatibilities

**Polymerization:** Does not occur

**Incompatibility:** Strong oxidants (as related to general organic materials) do not expose to water, halogens, or halogenated compounds. Do not expose material which will be resealed and stored to moisture.

**Conditions To Be Avoided:** Heat and ignition sources. See also incompatibility.

**Unusual Hazards:** Long term exposure to moisture can generate hydrogen gas. Build up of hydrogen gas in sealed containers may present an explosion hazard. Exercise caution when opening containers. Contact with halogenated compounds can create explosive mixtures.

## Section 4: Spill and Disposal Handling

**Spill:** Use inert absorbent material to confine spills and to absorb material. Caution, when dry powdered aluminum presents a fire hazard. Scoop into a disposable container using a non-sparking scoop.

**Disposal:** Dispose of as federal, state, and local regulations permit.

## Section 5: Hazardous Ingredients

Component:	CAS#:	%	Carcinogen
Asphalt (petroleum) fumes No lethal concentrations or dosages cited. Acgih 5mg/m <sup>3</sup> tlv, 8 hours, excursion limits apply Osha no limit established Because of the physical form of the material, the potential for Exposure to fumes is limited. Under normal conditions, no exposure to fumes is expected.	8052-42-4	15-40	no
Naphtha No lethal concentrations or dosages cited. Acgih 100ppm tlv, 8 hours, excursion limits apply Osha 100ppm twa, 8 hours	64741-41-9	30-60	no
Aluminum No lethal concentrations or dosages cited. Acgih 10mg/m <sup>3</sup> , tlv, 8 hours, excursion limits apply Osha 15ppm twa, as total dust 5ppm twa, as respirable dust	7429-90-5	<25	no
See note 1			
Synthetic amorphous silica No lethal concentrations or dosages cited. Acgih 10mg/m <sup>3</sup> , tlv, 8 hours, excursion limits apply Osha 6mg/m <sup>3</sup> twa Inhalation LC50 > 2mg/l (rat) -- toxic	63231-67-4	<1	no
Note 1: human toxicology experience indicates a very low acute Inhalation toxicity.			
Nuisance dust No lethal concentrations or dosages cited. Acgih 10mg/m <sup>3</sup> tlv, 8 hours, excursion limits apply	13983-17-0	<15	no

Osha 5mg/m<sup>3</sup> twa, 8 hours, respirable fraction  
15/mg/m<sup>3</sup> twa, 8 hours, total dust  
Note: because of the physical form of the material, the  
Potential for exposure to dusts is limited. Under normal use  
Conditions no exposure to dust is expected.

Vm & p naphtha 64742-89-8 <6 no

Acgih 300ppm tlv, 8 hours, excursion limits apply  
Osha 500ppm pel, 8 hours  
No lethal concentrations or dosages cited.  
May result in headache, nasal respiratory irritation, nausea, drowsiness, fatigue,  
pneumonitis, pulmonary edema, central nervous system depression.

## Section 6: Health Hazard Data

**Inhalation:** May result in headache, nasal respiratory irritation, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression.

**Eye Contact:** Irritant

**Skin Contact:** Irritant

**Ingestion:** Symptoms follow those of inhalation. Aspiration hazard.

**Summary of Acute Hazards:** Exposure above pel may result in symptoms listed.

**Summary of Chronic Hazards:** No chronic hazards are expected from normal use conditions.

**Special Health Effects:** NAIF

## Section 7: First Aid Procedure

**Inhalation:** Remove to fresh air, if breathing is difficult, administer oxygen, obtain medical attention.

**Eye Contact:** Flush with water for 15 minutes, obtain medical attention.

**Skin Contact:** Wash with soap and water, if irritation develops, obtain medical attention.

**Ingestion:** Do not induce vomiting, obtain medical attention.

**Other:** NAIF

## Section 8: Control Measures

**Inhalation:** Adequate ventilation or niosh/msha approved respirator to meet exposure limits.

**Eye:** Goggles or face shield

**Skin:** Gloves and protective clothing

**Other:** NAIF

## Section 9: Special Precautions

**Special Precautions:** Spray application of these products is not expected to produce significant amounts of thoracic or respirable particles. A significant amount of inspirable particles may be expected. Solvent evaporation from inspired particles or from any material collecting on a respirator may cause a significant exposure to solvents, possibly resulting in exceeding the

applicable exposure limits. During spray application appropriate respirators should be maintained in a condition which does not result in exposure to solvents above the applicable exposure limits. Often a single use organic vapor respirator with a dust/mist pre-filter will be suitable.

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**Abbreviations:** NA = Not applicable; NAIF = No applicable information found; NDA = No data available.

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