



WESTERN COLLOID

Material Safety Data Sheet

525 SILVERWHITE Aluminum
(Water Based Aluminum Roof Coating)

Date: 07/15/2009

Chemical Formula: Mixture

SECTION 1 - MANUFACTURER INFORMATION

Manufacturer's Name:	Western Colloid S.C., Inc.	Western Colloid N.C., Inc.
Address:	654 E. 60 th St., Los Angeles, CA 90001	700 71 st Ave., Oakland, CA 94621
Emergency Phone No.:	323-231-8292	510-430-0270
Information Phone No.:	323-231-8292	510-430-0270

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>%</u>	<u>TLV</u>
Clay (Siliceous Materials)	N/A	< 5.0	NDA
Crystalline Silica (as dust)	14808-60-77	< 0.1	.01 mg/m3
Asphalt (TLV is for fumes when heated)	8052-42-4	< 18.0	5 mg/m3
Aluminum Flake	7429-90-5	< 12.0	10 mg/m3
Stoddard Solvent	8052-41-3	< 1.5	525 mg/m3
1 - Nitropropane	108-03-2	< 1.2	90 mg/m3
Water	7732-18-5		NDA

SECTION III - PHYSICAL DATA

Appearance: Gray/ Silver, viscous liquid. Odor: Mild odor. Slight odor of mineral spirits
V.O.C Actual = 25 gm/ltr Regulatory = 97 gm/ltr

Boiling Point: 212°F Evaporation Rate (Butyl Acetate=1): <1
Vapor Pressure (mmHG): 17. Specific Gravity (Water=1): 1.0
Water Solubility: Dissolves in water Melting Point: N/A
Vapor Density (Air=1): <1 % Volatile by Weight: 60-65 (water)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Auto Ignition Temperature: N/A
Flash Point: N/A
Extinguishing Media: Not Required (Water base liquid / will not burn)
Unusual Fire or Explosion Hazards: Dried product can burn. Use class B dry chemical or class D extinguishers. DO NOT USE HALOGENATED FIRE EXTINGUISHING AGENTS.
Special Fire-Fighting Procedures: Use breathing apparatus in enclosed areas. Do not use water hose stream, aluminum particles suspended in air may form an explosive mixture. If metal begins to burn with bright whitish glow do not attempt to extinguish it. Isolate it with dry sand or class D agent and let it burn out.

SECTION V - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability (Thermal, Light): Stable
Incompatibility (Material to Avoid): Some acids, some caustics, halogenated hydrocarbons containing amines, lead or copper.
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Smoke, carbon monoxide, carbon dioxide, aluminum oxide, ammonia and nitrogen oxide.

SECTION VI - HEALTH HAZARDS

Summary: This product has not been classified as a carcinogen by the Occupational Safety and Health Administration (OSHA) or the National Toxicology Program (NTP).

Acute: No evidence of adverse effects from available information.

Chronic: No evidence of adverse effects from available information.

Medical conditions aggravated by exposure: Mild irritation or redness if prolonged exposure to skin and eyes.

SECTION VII - EMERGENCY & FIRST AID

Inhalation: Residual monomer vapors may be irritating to eyes, mucous membranes and respiratory tract. May produce symptoms of headache and nausea in poorly ventilated areas. Remove to fresh air.

Skin: If redness or rash occurs...wash with soap and warm water.

Eyes: Rinse with clean water

Ingestion: Should not occur. If swallowed do not induce vomiting, consult physician.

SECTION VIII - INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation: If spraying in enclosed or confined area, maintain proper ventilation to keep air contaminant below permissible exposure limit.

Respiratory Protection: If mist is present or if sprayed in enclosed areas, use MSHA/NIOSH approved mask for mist.

Protective Gloves: Impervious to water.

Eye Protection: Safety glasses or goggles. Available eye wash.

Other Protective Equipment: Protective clothing to avoid skin contact.

SECTION IX - ENVIRONMENTAL PROTECTION INFORMATION

Steps in Case of Spill: Enclose with diking material. Scoop up wet material for reclamation and reuse. Let residue dry or wash down.

Waste Disposal Method: Standard waste disposal for dry material subject to local and Federal regulations. Aluminum paste is a hazardous waste as defined in 40 CFR 261 with a hazardous waste number of D001. Conservation and Recovery Act (RCRA) (40CFR 261).

Handling and Storage Precautions: Store containers in cool dry area away from direct sunlight. Protect from freezing. Keep lids tightly closed when not in use.

DOT Shipping Requirements: Not DOT regulated.

SECTION X - OTHER INFORMATION

	Health	Flammability	Reactivity
HMIS* Rating:	1	1	2
NFPA** Rating			

Notice: These ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard. TO DEAL ADEQUATELY WITH THE SAFE HANDLING OF THIS MATERIAL ALL OF THE INFORMATION CONTAINED IN THIS MSDS MUST BE CONSIDERED. The customer is responsible for determining the proper personal protective equipment needed for its particular use of this material.

* Hazardous Materials Identification Systems [HMIS] Revised RAW MATERIALS RATING MANUAL, National Paint & Coatings Association, Fall 1984.

** NFPA 704 Standard System for the Identification of the Fire Hazards of Materials, National Fire Protection Association, 1985

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