

SAFETY DATA SHEET (GHS format)
For Coatings, Resins, and Related Materials

Complies with U.S. Department of Labor Occupational Safety and Health Administration
For OSHA Hazard Communication Standard Specific Requirements Consult: 29 CFR 1910.1200

SECTION I - PRODUCT IDENTIFICATION

Distributor: Sino-American Pigment Systems, Inc. (SAPS)
1620 Norvell Street
El Cerrito, CA 94530, USA

Date of Creation: Jan 20, 1999
Date of Revision: April 28, 2015

Product Identification:

Product Name: **White Cloud ®** Lithopone [All Grades]
Chemical Family: Inorganic Pigment
CAS Number: 1345-05-7

Emergency Information:

Information Phone: 800 536 9932
Chemtrack Phone: 800 424 9300

Hazardous Materials Identification System Index Rating: Severe-4, Serious-3, Moderate-2, Slight-1, Minimal-0
[1] Health [0] Flammability [0] Reactivity [E] Personal Protection

SECTION II - HAZARDOUS IDENTIFICATION

Zinc Sulfide is considered an **Indirect Food Additive** as "Lubricants with incidental food contact" Subpart 178.3570 and as a "Colorant for polymers", Subpart 178.3297 of Part CFR, Title 21, Volume 178.

Barium Sulfate has been **delisted** from the category of "barium compounds" on the list of toxic chemicals for which reporting is required under Section 313 of the emergency Planning and Community right-to-Know Act of 1986. [Reference: **Federal Register** notice of EPA final rule: Page 33208, Volume 59, Number 123, 28 June, 1994, Rules and Regulations].

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Formula: ZnS:BaSO₄
TSCA Status: XU - Exempt From Reporting
Meets FDA Regulations: GRAS Material
CFR 21 Section Part 175 **Indirect Food Additives**
175.105 Adhesives
175.300 Resinous and polymeric coatings
178.3297 Colorants for polymers
178.3570 Lubricants with food contact
OSHA Hazard This product is not hazardous as
Communication Status: defined by OSHA HC Standard 29
CFR 1910.1200

SARA Title III Section 313: Zinc Sulfide is present in amounts above the applicable de minimus concentrations for Zinc Compounds as listed in 40 CFR 372.65

CAS #	Chemical Name
1314-98-3	Zinc Sulfide
7727-43-7	Barium Sulfate

SECTION IV – FIRST-AID MEASURES

Always seek professional medical attention after first aid measures are provided.

Eyes: Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.

Skin: Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.

Ingestion: Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration.

SECTION V – FIRE-FIGHTING MEASURES

Noncombustible solution. When heated to decomposition, emits acrid fumes.

Protective equipment and precautions for firefighters: Use foam or dry chemical to extinguish fire.

Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Cool container with water spray. Material is not sensitive to mechanical impact or static discharge.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A

Melting Point: N/A
Evaporation Rate: N/A

Solubility In Water: Insoluble
Appearance & Odor: Fine, Odorless Powder

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Contain spill with sand or absorbent material and place in sealed bag or container for disposal. Ventilate and wash spill area after pickup is complete. See Section 13 for disposal information.

SECTION VII – HANDLING AND STORAGE

Handling: Use with adequate ventilation and do not breathe dust or vapor. Avoid contact with skins, eyes, or clothing. Wash hands thoroughly after handling.

Storage: Store in General Storage Area with other items with no specific storage hazards. Store in a cool, dry, well-ventilated, locked store room away from incompatible materials.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

Use ventilation to keep airborne concentrations below exposure limits. Have approved eyewash facility, safety shower, and fire extinguishers readily available. Wear chemical splash goggles and chemical resistant clothing such as gloves and aprons. Wash hands thoroughly after handling material and before eating or drinking.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A	Specific Gravity:	4.20
Vapor Pressure:	N/A	Melting Point:	ZnS:BaSO ₄ Sublimes @ 1,185°C
Vapor Density:	N/A	Evaporation Rate:	N/A
Solubility In Water:	Insoluble [eg: @ 20°C - ZnS \leq 6.9 x 10 ⁻³ g/l and BaSO ₄ \leq 5.3 x 10 ⁻³ g/l]		
Appearance & Odor:	Very Fine Brilliant White and Odorless Powder		

Stability: [] Unstable [X] Stable **Conditions to Avoid:** None in normal use.
Incompatibility (Materials to Avoid): Contact with strong mineral acids.
Hazardous Decomposition Products: None, but contact with strong mineral acids or high temperatures may generate SO₂ and/or H₂S.
Hazardous Polymerization: [] May occur [X] Will not occur

SECTION X – STABILITY AND REACTIVITY

Avoid heat and moisture.
Stability: Stable under normal conditions of use and storage.
Incompatibility: Acids, alkalis,
Shelf life: Ten years if stored properly.

SECTION XI – TOXICOLOGY INFORMATION

Acute Symptoms/Signs of exposure: No applicable information found concerning any adverse acute health effects from overexposure to product.
Ingestion: Irritation and burning sensations of mouth and throat, nausea, vomiting and abdominal pain.
Inhalation: Irritation of mucous membranes, coughing, wheezing, shortness of breath.
Chronic Effects: Inhalation of airborne particles may cause transient irritation in mouth, nose and throat.
Sensitization: none expected.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial): Not considered an environmental hazard.

SECTION XIII – DISPOSAL CONSIDERATIONS

Check with all applicable local, regional, and national laws and regulations. Local regulations may be more stringent than regional or national regulations. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

SECTION XIV – TRANSPORTATION INFORMATION

DOT Shipping Name: Not regulated by DOT

Canada TDG: Not Controlled

DOT Hazard Class:

Hazard Class: This product is not hazardous as defined by
OSHA HC Standard 29 CFR 1910.1200

Identification Number:

UN Number:

SECTION XV – REGULATORY INFORMATION

EINECS: Unknown

WHMIS Canada: Unknown

TSCA: XU - Exempt From Reporting

California Proposition 65: Not listed

SECTION XVI – OTHER INFORMATION

Disclaimer: SAPS believes that the information herein is factual but is not intended to be all inclusive. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because SAPS has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law. SAPS makes no warranty, expressed or implied, including (without limitation) warranties with respect to the completeness or continuing accuracy of the information contained herein or with respect to fitness for any particular use.