

MATERIAL SAFETY DATA SHEET
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.
1620 Norvell Street
El Cerrito, CA 94530, USA

Date of Creation: January 23, 2001
Date of Revision: February 12, 2009

Information Phone: 510 848 8890
Chemtrack Phone: 800 424 9300

Product Identification:

Product Name: White Cloud ® Safe Yellow-65 [All Grades]
Chemical Family: Monoazo on Titanium Lithopone
TSCA Status: XU - Exempt From Reporting
Formula: PY-65:BaSO₄:TiO₂
OSHA Hazard Communication Status: This product is not hazardous as defined by OSHA HC Standard 29 CFR 1910.1200

SARA Title III Section 302:
Extremely Hazardous Substances: None

CAS #	Chemical Name	Content
7727-43-7	Barium Sulfate	
13463-67-7	Titanium Dioxide	
6528-34-3	Pigment Yellow 65	

Hazardous Materials Identification System Index Rating:
[1] Health [0] Flammability [0] Reactivity

Severe-4, Serious-3, Moderate-2, Slight-1, Minimal-0
[E] Personal Protection

SECTION II - HAZARDOUS INGREDIENTS

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200 or SARA Title III)

SECTION III - PHYSICAL DATA

Boiling Point:	N/A	Specific Gravity:	2.64 / 2.81
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A		
Solubility In Water:	Insoluble [eg: in H ₂ O @ 18°C; 0.00022gm/100ml of BaSO ₄ ; 0.00069gm/100ml of ZnS]		
Appearance & Odor:	Very Fine Yellow, Odorless Powder		
	Evaporation Rate:	N/A	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Classification	OSHA: N/A	Flash Point:	Non-Flammable
	DOT: N/A	LEL: N/A	UEL: N/A

Extinguishing Media:

☐ Foam ☐ "Alcohol" Foam ☐ CO₂ ☐ Dry Chemical ☐ Water Fog ☐ Other ☒ Any

Unusual Fire and Explosion Hazards:

None, but if involved in fire from other sources, SO₂ vapor may be generated at high temperatures.

Special Fire Fighting Procedures:

Fire Fighters should wear self-containing breathing apparatus, as protection against irritating vapors.

SECTION V - HEALTH HAZARD DATA**Primary Route(s) of Entry:**

☐ Ingestion ☒ Dermal ☒ Inhalation ☒ Eye

Threshold Limit Value: None Established

Health Hazards (Acute and Chronic Overexposure):

Acute: No applicable information found concerning any adverse acute health effects from overexposure to product.

Chronic: Inhalation of airborne particles may cause transient irritation in mouth, nose and throat.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	SARA Title III?
	Not Listed	Not Listed	Not Regulated	Release Reporting Form R 40 CFR Part 372

Toxicity Information: Acute Oral L_50 Value of 20 gm/kg or greater in rats.

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures:

- Eye Contact - Flush thoroughly with water for 15 Minutes.
- Inhalation - Remove to fresh air. If breathing difficult, give oxygen. Call a physician.
- Skin Contact - Wash skin thoroughly with soap or mild detergent, and water. Wash clothing before reuse.
- Ingestion - If conscious, give large quantities of water to induce vomiting. Call a physician.

SECTION VI - REACTIVITY DATA

Stability: ☐ Unstable ☒ Stable **Conditions to Avoid:** Avoid contact with strong mineral acids

Incompatibility (Materials to Avoid): Contact with oxidizing and reducing agents may affect color.

Hazardous Decomposition Products: Zinc Sulfide may generate H_2S upon contact with very strong mineral acids. Monoarylide compound may produce CO, CO_2 oxides of nitrogen and other potentially toxic fumes.

Hazardous Polymerization: ☐ May occur ☒ Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES**Steps to be Taken in Case Material is Released or Spilled:**

Material will be blown away as dust. Prevent spread of material and keep dust level down. Scoop up material or use vacuum technique. Those involved in the clean-up should use respiratory protection.

Waste Disposal Methods:

As with other pigment powders, disposal must be made in accordance with Federal, State and local regulations.

RCRA Status: - Not Regulated

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection: Wear NIOSH approved dust respirator.

Ventilation: Provide local exhaust ventilation system to meet TLV requirements.

Protective Gloves: No requirement **Eye Protection:** Goggles advisable against dust.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or using tobacco products.

SECTION IX - SPECIAL PRECAUTIONS**Precautions to be Taken in Handling and Storing:**

- Avoid contact with water or strong acids; - Keep storage area dry; - Use ventilation to keep dust level down;
- Use a personal respirator if dust cannot be controlled; - Store away from heat; - Use good hygienic practice.