

# MATERIAL 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

**Date of Creation:** Jan 20, 1999  
**Date of Revision:** April 21, 2015

### Product Identification:

Product Name: Safe Yellow® Pigment Enhancer  
[All Grades]  
Chemical Family: Inorganic Pigment

### 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  
HIMS Rating: [1] Health [0] Flammability [0] Reactivity [E] Protection

## SECTION II - HAZARDOUS INGREDIENTS

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].

Titanium Dioxide is listed on the EPA / TSCA inventory of chemical substances.

## SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Formula: BaSO<sub>4</sub> and TiO<sub>2</sub>  
TSCA Status: XU - Exempt From Reporting

Subpart:		CAS #	Chemical Name
175.105	Adhesives		
175.300	Resinous and polymeric coatings	7727-43-7	Barium Sulfate
178.3297	Colorants for polymers	13463-67-7	Titanium Dioxide

OSHA Hazard	This product is not hazardous as	<b>Canadian WHMIS:</b>	Not Controlled
Communication Status:	defined by OSHA HC Standard 29	<b>Canadian Domestic Substance List:</b>	All Ingredients listed
	CFR 1910.1200	<b>CONEG:</b>	Full Compliance
<b>Specific Gravity:</b>	3.85 - 4.20		

## 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.

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## SECTION VI – ACCIDENTAL RELEASE MEASURES

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<b>Boiling Point:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Pressure:</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Vapor Density:</b>	N/A		
<b>Solubility In Water:</b>	Insoluble		
<b>Appearance &amp; Odor:</b>	Very Fine, Yellow, 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.

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## SECTION VII – HANDLING AND STORAGE

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**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.

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## SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

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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.

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## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

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<b>Boiling Point:</b>	N/A	<b>Specific Gravity:</b>	3.85 - 4.20
<b>Vapor Pressure:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility In Water:</b>	Insoluble		
<b>Appearance &amp; Odor:</b>	Very Fine, Yellow, 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 SO<sub>2</sub> and/or H<sub>2</sub>S.

**Hazardous Polymerization:** [ ] May occur [X] Will not occur

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## SECTION X – STABILITY AND REACTIVITY

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Avoid heat and moisture.

**Stability:** Stable under normal conditions of use and storage.

**Incompatibility:** Acids, alkalis,

**Shelf life:** Ten years if stored properly.

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## SECTION XI – TOXICOLOGY INFORMATION

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**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.

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## SECTION XII – ECOLOGICAL INFORMATION

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

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### SECTION XIII – DISPOSAL CONSIDERATIONS

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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.

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### SECTION XIV – TRANSPORTATION INFORMATION

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**DOT Shipping Name:** Not regulated by DOT

**DOT Hazard Class:**

**Identification Number:**

**Canada TDG:** Not Controlled

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

**UN Number:**

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### SECTION XV – REGULATORY INFORMATION

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**EINECS:** Unknown

**TSCA:** XU - Exempt From Reporting

**WHMIS Canada:** Unknown

**California Proposition 65:** Not listed

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### SECTION XVI – OTHER INFORMATION

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**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.