

## MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.  
PO Box 15009  
Portland, OR 97293



**Product: Flake White Replacement, Titanium White, Titanium-Zinc White, Zinc White Artists' Oil Colors**

### SECTION 1 -- PRODUCT IDENTITY

Date updated: 8-24-07

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Health 1

Chemical name: Vegetable oil/pigment mixture

Flammability 1

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Compound paint, N.O.S., Not regulated by DOT as a hazardous material.

### SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Zinc Oxide*	1314-13-2	50-60		10mg/m3(as dust)

These are reportable chemicals under 40 CFR 372. SARA Title III Section 313

### SECTION III -- PHYSICAL CHARACTERISTICS

Boiling range: N/A

Specific gravity: 1 - 1.4

Vapor pressure: N/A

% volatile (volume): 0

Vapor density: N/A

Evaporation rate (BuOAc = 1): N/A

Solubility (specify solvents): Insoluble in water. Soluble in most petroleum solvents.

Appearance and odor: White paste; linseed oil odor.

### SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 620 degree F

Extinguishing media: CO2, dry chemical, water fog

Special firefighting procedures: water or foam may cause frothing if directed into container of burning material. Use water to cool containers exposed to heat.

Unusual fire & explosion hazards: contaminated rags or other easily ignited organic materials are spontaneously combustible. Immerse in water after use.

Reactivity: product is stable

Hazardous polymerization: will not occur

Conditions to avoid: avoid extreme heat

Hazardous decomposition products:

Usual products of combustion: CO, CO2 and possibly acrolein.



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**SECTION V -- HEALTH HAZARD DATA**

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Route(s) of entry: Eye contact, ingestion of paint  
Acute health effects: Eye contact may cause redness or irritation  
Inhalation: N/A  
Ingestion: No known adverse health effects  
Skin contact: No known adverse health effects

**EMERGENCY FIRST AID PROCEDURES:**

Eye contact: wash with clean water for at least fifteen minutes. If irritation persists, get medical attention.  
Inhalation: N/A  
Skin contact: N/A

**CHRONIC HEALTH EFFECTS:**

Not listed as a carcinogen by the NTP, IARC, or OSHA; no adverse long-term effects are known.  
No known adverse health effects to linseed oil.

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**SECTION VI -- SPILL OR LEAK PROCEDURE**

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Steps to be taken in case material is spilled: remove all sources of ignition. Soak up spill with absorbent materials.  
Waste disposal method: Rags and absorbent materials should be immersed in water. Small amounts can be dried and disposed of as ordinary trash.

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**SECTION VII -- SPECIAL PROTECTION DATA**

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Respiratory protection: none normally required  
Ventilation: none normally required  
Protective gloves: none normally required  
Eye protection: safety glasses if eye contact is likely; eyewash fountain should be accessible.

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**SECTION VIII -- STORAGE & HANDLING DATA**

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Precautions to be taken in handling and storage: store away from high temperature, sparks or open flame.  
Read and observe all precautions on product label.

Other precautions: wash hands after use. Immerse contaminated rags in water.

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