

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.  
PO Box 625

Portland, OR 97207

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

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SECTION 1 -- PRODUCT IDENTITY  
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Date prepared: 11/02/94                      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.

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

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

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SECTION III -- PHYSICAL CHARACTERISTICS  
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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.

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SECTION IV -- FIRE & EXPLOSION DATA  
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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 III -- 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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