

10/06/00 11:58 FAX 5032351946

GAMBLIN-ARTISTS

02

* Deluxe Painting System *

00401-0000

✓ * MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: GAMSOL

Rev'd 10-09-00 SECTION I -- PRODUCT IDENTITY

Date prepared: 11/28/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HIMIS Information

Chemical name: Petroleum Solvent Mixture

Health 1

Flammability 2

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Combustible Liquid

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	ACGIH TLV
Hydrotreated heavy naphtha petroleum	64742-48-9	100%	300ppm for an 8 hr work day

It consists predominantly of C11-C13 isoparaffinic hydrocarbons.

C11-C15 saturated hydrocarbons	MIXTURE	99%
C8-84 aromatics	MIXTURE	Less than 0.02%

This product and all components are listed on the U.S. TSCA inventory. These are reportable chemicals under 40 CFR 372. SARA Title III Section 313

SECTION III -- PHYSICAL CHARACTERISTICS

Boiling Range: 365-403 degrees F	Specific gravity: (15.6 C/15.6 C) (0.77)
Vapor pressure: <10mm Hg@ 25C ASTM D 2879	% volatile (volume): 100 @ 1 atm and 25 C (77 F)
Vapor density: >5	Evaporation rate (BuOAc = 1): 0.1

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

Appearance and odor: Clear water-white liquid; essentially odorless.

SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 145 degree F Flammable Limits: LEL: 0.6 VEI: 7.0
Extinguishing media: CO2, dry chemical, water fog

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GAMBLIN-ARTISTS

03

GAMSOL

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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: None known.

Hazardous decomposition products: Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

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

SECTION V – HEALTH HAZARD DATA

Route(s) of entry: Eye contact, ingestion, inhalation, skin contact.

Acute health effects: Eye contact may cause redness or irritation

Inhalation: dizziness, headache, nausea, possible nervous system depression.

Ingestion: Nausea, gastrointestinal irritation, or vomiting.

Skin contact: May cause rash, cracking, dryness or defatting of skin.

EMERGENCY FIRST AID PROCEDURES:

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

Inhalation: If overconic by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

Skin contact: In case of skin contact, wash skin thoroughly with soap and water.

CHRONIC HEALTH EFFECTS: Skin contact may aggravate an existing dermatitis.

SECTION VI – SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

Respiratory protection: Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

Ventilation: Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, flame or other ignition sources.

Protective gloves: Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye protection: safety glasses if eye contact is likely; eyewash fountain should be accessible.

SECTION III – STORAGE & HANDLING DATA

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.

The information contained herein is based on the data available to use and is believe to be correct.

However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.

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GAMBLIN-ARTISTS

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MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
 PO Box 625
 Portland, OR 97207

Product: Galkyd Painting Medium #1, Galkyd Lite, Galkyd Gel, Galkyd Slow Dry

Rwd 10-09-00

SECTION I – PRODUCT IDENTITY

Date prepared: 6/18/96

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Health 2

Chemical name: Alkyd Resin/Petroleum Solvent Mixture

Flammability 2

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Combustible Liquid

SECTION II – HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Mineral Spirits	64742-47-8	40-60	100ppm	500ppm

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

SECTION III – PHYSICAL CHARACTERISTICS

Boiling range: 300-405 degree F

Specific gravity: .8-.9

Vapor pressure: 2mm Hg @

% volatile (volume): 40-60

Vapor density: 4.9

Evaporation rate (BuOAc = 1): 0.13

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

Appearance and odor: Honey-colored liquid; petroleum distillate odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash point: Galkyd Lite 119 degree F Galkyd 116 degree F Galkyd Gel 107 degree F

Galkyd Slow Dry 119 degree F

Flammable Limits: LEL: 1.0 VEL: 6.0

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 and oxides of nitrogen.

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GAMBLIN-ARTISTS

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Galkyd Painting Medium #1, Galkyd Lite, Galkyd Gel, Galkyd Slow Dry

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SECTION V – HEALTH HAZARD DATA

Route(s) of entry: Eye contact, ingestion of paint, inhalation, skin contact.**Acute health effects****Eye contact:** May cause redness or irritation**Inhalation:** dizziness, headache, nausea, possible nervous system depression.**Ingestion:** Nausea, gastrointestinal irritation, or vomiting.**Skin contact:** May cause rash, cracking, dryness or defatting of skin.**EMERGENCY FIRST AID PROCEDURES:****Eye contact:** wash with clean water for at least fifteen minutes. If irritation persists, get medical attention.**Inhalation:** Move individual to fresh air. If breathing has stopped, apply artificial respiration: get medical attention**Ingestion:** DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention.**Skin contact:** Wash area with soap and water. If irritation persists, get medical attention.**CHRONIC HEALTH EFFECTS:**

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

Medical Conditions aggravated by exposure: Existing lung or skin conditions may be aggravated by repeated exposure.

SECTION VI – SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

Respiratory protection: Wear NIOSH approved respirator for organic vapors.**Ventilation:** Adequate to keep exposure below TLV**Protective gloves:** Neoprene or rubber if prolonged skin contact is likely.**Eye protection:** safety glasses if eye contact is likely; eyewash fountain should be accessible.

SECTION III – STORAGE & HANDLING DATA

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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GAMBLIN-ARTISTS

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Cold Wax Medium

Recd 10-09-00

SECTION I - PRODUCT IDENTITY

Date prepared: 11/28/94

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Natural Wax/Petroleum Solvent/
Alykd Resin Mixture

Health 2

Flammability 2

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Combustible Liquid UN 1263

SECTION II - HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Oderless Mineral Spirits	64741-65-7	30-40	100ppm	500ppm

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

SECTION III - PHYSICAL CHARACTERISTICS

Boiling range: 300-405 degree F

Specific gravity: .8-.9

Vapor pressure: 2mm Hg @

% volatile (volume): 40-60

Vapor density: 4.9

Evaporation rate (BuOAc = 1): 0.13

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

Appearance and odor: Honey-colored liquid; petroleum distillate odor.

SECTION IV - FIRE & EXPLOSION DATA

Flash point: 107 degree F

Flammable Limits: LEL: 1.0 VEL: 6.0

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 and oxides of nitrogen.

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GAMBLIN-ARTISTS

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Wax Medium

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SECTION V -- HEALTH HAZARD DATA

Route(s) of entry: Eye contact, ingestion of paint, inhalation, skin contact.

Acute health effects

Eye contact: May cause redness or irritation

Inhalation: dizziness, headache, nausea, possible nervous system depression.

Ingestion: Nausea, gastrointestinal irritation, or vomiting.

Skin contact: May cause rash, cracking, dryness or defatting of skin.

EMERGENCY FIRST AID PROCEDURES:

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

Inhalation: Move individual to fresh air. If breathing has stopped, apply artificial respiration: get medical attention

Ingestion: DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention.

Skin contact: Wash area with soap and water. If irritation persists, get medical attention.

CHRONIC HEALTH EFFECTS:

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

Medical Conditions aggravated by exposure: Existing lung or skin conditions may be aggravated by repeated exposure.

SECTION VI - SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

Respiratory protection: Wear NIOSH approved respirator for organic vapors.

Ventilation: Adequate to keep exposure below TLV

Protective gloves: Neoprene or rubber if prolonged skin contact is likely.

Eye protection: safety glasses if eye contact is likely; eyewash fountain should be accessible.

SECTION III - STORAGE & HANDLING DATA

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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Cadmium Red Light, Cadmium Red Medium, Cadmium Red Deep, Cadmium Orange, Cadmium Orange Deep Artists' Oil Colors

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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:

Cadmium and certain cadmium compounds are listed in IARC and the Annual NTP Report as carcinogenic, but with only limited evidence of carcinogenicity to humans. These listings are based on test results for cadmium compounds other than the pigmentary forms.

No known adverse health effects to linseed oil.

No known medical conditions aggravated by exposure to cadmium oil paints.

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SECTION VI -- SPILL OR LEAK PROCEDURE
=====

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.

=====
SECTION VII - SPECIAL PROTECTION DATA
=====

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
=====

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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GAMBLIN-ARTISTS

04

00401-3723
-3724

V 12-19-03

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Perylene Red Artists' Oil Color

SECTION I - PRODUCT IDENTITY

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

SECTION II - HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard.				

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: Red 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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GAMBLIN-ARTISTS

05

SECTION V – HEALTH HAZARD DATA

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.

SECTION VI – SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III – STORAGE & HANDLING DATA

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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**CADMIUM YELLOW LIGHT, CADMIUM YELLOW MEDIUM, CADMIUM YELLOW DEEP ARTISTS'
OILS COLORS** MSDS PAGE 2

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.

SECTION V -- HEALTH HAZARD DATA

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:

Cadmium is listed as a carcinogen by the NTP & IARC; however, there is conflicting evidence as to whether cadmium pigments offer any risk to human health.
No known adverse health effects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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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{7501-22
.23} MATERIAL SAFETY DATA SHEET

00401-4703
- 4713 *

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: HANSA YELLOW LIGHT, HANSA YELLOW MEDIUM, HANSA YELLOW DEEP, BASIC YELLOW LIGHT, BASIC YELLOW MEDIUM ARTIST'S OIL COLOR

SECTION I -- PRODUCT IDENTITY

Date prepared: 1/2/92 Emergency telephone no. 503/228-9763

Preparer's Name: R. Gamblin	HMIS Information
Chemical name: Vegetable oil/pigment mixture	Health 1
Chemical formula: N/A (mixture)	Flammability 1
	Reactivity 0

DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under OSHA Standard 1910.1200				

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: Yellow paste; linseed oil odor.

SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 620 degree F
Extinguishing media: CO₂, dry chemical, water fog

**HANSA YELLOW LIGHT, HANSA YELLOW MEDIUM, HANSA YELLOW DEEP,
BASIC YELLOW LIGHT, BASIC YELLOW MEDIUM ARTIST'S OIL COLOR****- MSDS Page 2**

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.

SECTION V -- HEALTH HAZARD DATA

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.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII -- SPECIAL PROTECTION DATA

Respiratory protection: none normally required

**HANSA YELLOW LIGHT, HANSA YELLOW MEDIUM, HANSA YELLOW DEEP,
BASIC YELLOW LIGHT, BASIC YELLOW MEDIUM ARTIST'S OIL COLOR**
- MSDS Page 3

Ventilation: none normally required

Protective gloves: none normally required

Eye protection: safety glasses if eye contact is likely; eyewash fountain should be accessible.

SECTION III -- STORAGE & HANDLING DATA

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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MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

00401-7063
-7083
-7093
-7313
-7563

Product: Permanent Green Light, Permanent Green Deep, Phthalo Green, Phthalo Green Yellow Shade, Sap Green Artists' Oil Color

SECTION I -- PRODUCT IDENTITY

Date prepared: 11/02/94

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Vegetable oil/pigment mixture

Health 1
Flammability 1
Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard.				

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: Green 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

Permanent Green Light, Permanent Green Deep, Phthalo Green, Phthalo Green Yellow Shade, Sap Green Artists' Oil Color MSDS Page 2

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

SECTION V -- HEALTH HAZARD DATA

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.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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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(7501-65) ✓

00401-7103 *
-7104

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Viridian Artists' Oil Color

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/02/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin HMIS Information
Health 2
Chemical name: Vegetable oil/pigment mixture Flammability 1
Reactivity 0

Chemical formula: N/A (mixture)
DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Chromium(III) Oxide *	12001-99-9	60-80	0.5mg/m3	0.5mg/m3

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: Green 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

Viridian Artists' Oil Color

MSDS Page 2

Hazardous decomposition products:

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

SECTION V -- HEALTH HAZARD DATA

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; repeated and prolonged exposure to trivalent chromium compounds may cause delayed effects involving the respiratory system.

No known adverse health effects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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.

The information contained herein is based on the data available to use and is believed to be correct. However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.

(7501-21) ✓

MATERIAL SAFETY DATA SHEET

00401-6023 *
-6024

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Dioxazine Purple(Carbazole Violet) Artists' Oil Color

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/02/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin	HMIS Information
Chemical name: Vegetable oil/pigment mixture	Health 1
	Flammability 1
	Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard. (29CFR 1910.1200)				

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: Violet 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

Dioxazine Purple Artists' Oil Color

MSDS Page 2

Hazardous decomposition products:

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

SECTION V -- HEALTH HAZARD DATA

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.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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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GAMBLIN-ARTISTS

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MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS' COLORS CO.
PO Box 625
Portland, OR 97207

- 5143
- 5144
- 5223
- 5224
- 6643
- 6644

Product: Phthalo Blue, Ultramarine Blue, Prussian Blue, Ultramarine Violet Artists' Oil Color

SECTION I - PRODUCT IDENTITY

Date prepared: 11/02/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Vegetable oil/pigment mixture

Health 1

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
This product contains no hazardous materials under the current OSHA standard. (29 CFR 1910.1200)

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: Blue 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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GAMBLIN-ARTISTS

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SECTION V – HEALTH HAZARD DATA

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.

SECTION VI – SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III – STORAGE & HANDLING DATA

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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00401-5343	*
-5344	

(7501-25) ✓

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Indanthrone Blue Artists' Oil Color**SECTION I -- PRODUCT IDENTITY**

Date prepared: 6/18/96

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: Anthraquinone

DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard.				

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: Blue 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

V-1907

Indanthrone Blue Artists' Oil Color

MSDS Page 2

Hazardous decomposition products:

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

SECTION V -- HEALTH HAZARD DATA

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.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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.

The information contained herein is based on the data available to use and is believed to be correct. However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.

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(7501-59) ✓

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
 PO Box 625
 Portland, OR 97207

Product: Transparent Earth Orange Artists' Oil Color

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/02/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Vegetable oil/pigment mixture

Health 1

Flammability 1

Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard.				

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: Orange 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

Transparent Orange, Basic Orange, Basic Red Light Artists' Oil Color

MSDS Page 2

Hazardous decomposition products:

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

SECTION V -- HEALTH HAZARD DATA

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 know 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 affects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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.

The information contained herein is based on the data available to use and is believe to be correct. However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.

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00401-2253
-2254 *

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Ivory Black Artists' Oil Color

SECTION 1 -- PRODUCT IDENTITY

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., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
This product contains no hazardous materials under the current OSHA standard.				

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: Black 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

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Ivory Black Artists' Oil Color

MSDS Page 2

Hazardous decomposition products:

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

SECTION V -- HEALTH HAZARD DATA

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.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.

SECTION VII - SPECIAL PROTECTION DATA

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.

SECTION III -- STORAGE & HANDLING DATA

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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Material Safety Data Sheet for Flake White Replacement, Titanium White, Titanium-Zinc... Page 1 of 2

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 Ar

SECTION 1 -- PRODUCT IDENTITY

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 mat

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 solve

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.

SECTION V -- HEALTH HAZARD DATA

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 know adverse health effects

EMERGENCY FIRST AID PROCEDURES:

Material Safety Data Sheet for Flake White Replacement, Titanium White, Titanium-Zinc... Page 2 of 2

Eye contact: wash with clean water for at least fifteen minutes. If irritation p
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 affects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled: remove all sources of ignition. Soa
Waste disposal method: Rags and absorbent materials should be immersed in water. S

SECTION VII - SPECIAL PROTECTION DATA

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

SECTION III -- STORAGE & HANDLING DATA

Precautions to be taken in handling and storage: store away from high temperature,

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

The information contained herein is based on the data available to use and is believ