



**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)  
**Solvent Free Gel**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's name:  
**Gamblin Artists Colors**

Emergency Telephone Number:  
**503- 235-1945**

Address:  
**PO Box 15009  
Portland, OR 97293**

Telephone Number for Information:  
**same as above**

Date Prepared: **4 April 2013**

Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))

		OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Propylene Glycol	C.A.S. 57-55-6	N/A	N/A		1-3
Silicon Dioxide	C.A.S. 112945-52-5	15 mg/m <sup>3</sup>	N/A		3-5
Ethene Homopolymer	C.A.S. 9002-88-4	15 mg/m <sup>3</sup>	N/A		2-4
Silicon Dioxide	C.A.S. 112926-00-8	15 mg/m <sup>3</sup>	N/A		2-4

**Section III—Physical/Chemical Characteristics**

Boiling Point N/A	Specific Gravity (H <sub>2</sub> O = 1) 1.026
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water None	
Appearance and Odor Amber liquid oil odor.	

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL	UEL
Extinguishing Media N/A			
Special Fire Fighting Procedures None			

Unusual Fire and Explosion Hazards **None**

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid <b>NONE</b>
	Stable <b>YES</b>		

Incompatibility (Materials to Avoid) **NONE**

Hazardous Decomposition or Byproducts **NONE**

Hazardous Polymerization	May Occur		Conditions to Avoid <b>NONE</b>
	Will Not Occur <b>X</b>		

**Section VI—Health Hazard Data**

Route(s) of Entry      Inhalation? **NO**      Skin? **NO**      Ingestion? **YES**

Health Hazards (Acute and Chronic) *May cause nausea when swallowed.*

Carcinogenicity **N/A**      NTP? **N/A**      IARC Monographs? **N/A**      OSHA Regulated? **NO**

Signs and Symptoms of Exposure **N/A**

Medical Conditions Generally Aggravated by Exposure **NONE**

Emergency and First Aid Procedures **N/A**

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released: **Control spill with rags or cat litter. Place in disposable container.**

Waste Disposal Method **Sanitary Landfill**

Precautions to Be Taken in Handling and Storing **Avoid excessive heat.**

Other Precautions **None**

**Section VIII—Control Measures**

Respiratory Protection (Specify Type) **NONE**

Ventilation	Local Exhaust <b>N/A</b>	Special
	Mechanical (General)	Other
Protective Gloves <b>N/A</b>	Eye Protection <b>N/A</b>	

Other Protective Clothing or Equipment **N/A**

Work/Hygienic Practices **Wash hands with soap and water after use.**

01587-1023  
1024  
01587-1733  
1734

**MATERIAL SAFETY DATA SHEET**

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

**Product: Titanium White, Transparent White – Gamblin 1980 Oil Colors**

**SECTION I – PRODUCT IDENTITY**

Date Updated: 02-24-2014

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
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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: White paste; safflower 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 safflower 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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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.

01587 - 2253 2043  
2254 2044  
8313  
8314

**MATERIAL SAFETY DATA SHEET**

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

**Product: Ivory Black, Mars Black, Van Dyke Brown – Gamblin 1980 Oil Colors**

**SECTION I -- PRODUCT IDENTITY**

Date Updated: 02-24-2014

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
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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: 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

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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01587 - 30203  
30204**MATERIAL SAFETY DATA SHEET**

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

**Product: Alizarin Crimson – Gamblin 1980 Oil Colors**

**SECTION I – PRODUCT IDENTITY**

Date updated: 02- 24-2014

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: 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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**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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 3094 3104  
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 4534

**MATERIAL SAFETY DATA SHEET**

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

**Product: Cadmium Red Light, Cadmium Red Medium, Cadmium Orange, – Gamblin 1980 Oil Colors**

**SECTION I – PRODUCT IDENTITY**

Date updated: 02-20-2014

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Vegetable oil/pigment mixture

Health 2

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
Cadmium sulfide	1306-23-6	64-100	5/mg/m3	10/2mg/m3(as Cd) (as Cd)
Cadmium selenide	1306-24-7	3-55	5mg/m3	10/2mg/m3(as Se) (as Se)
Zinc Sulfide (PNOC)	1314-98-3	0-5		

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 &amp; 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 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:**

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 affects 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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01587 - 8043 8053  
 8044 8054  
 8063 8073  
 8064 8074  
 4043  
 4044

**MATERIAL SAFETY DATA SHEET**

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

**Product: Burnt Sienna, Burnt Umber, Raw Sienna, Raw Umber, Yellow Ochre – Gamblin 1980 Oil Colors**

**SECTION I – PRODUCT IDENTITY**

Date updated: 02-24-2014

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
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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: Brown 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 &amp; 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**

---

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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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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 4144 4094  
 4143  
 4144

**MATERIAL SAFETY DATA SHEET**

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

**Product: Cadmium Yellow Light, Cadmium Yellow Medium, Naples Yellow Hue – Gamblin 1980 Oil Colors**

**SECTION I -- PRODUCT IDENTITY**

Date updated: 02-24-2014

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Vegetable oil/pigment mixture

Health	2
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
Cadmium Sulfide	1306-23-6	64-100	.05mg/m3	.5mg/m3 (as Cd) (as Cd)
Zinc Sulfide	1314-98-3	0-15	5mg/m3	N/A

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

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 &amp; 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 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:**

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 affects 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**

---

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.

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.

**MATERIAL SAFETY DATA SHEET**

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

**Product: Phthalo Blue, Ultramarine Blue, Prussian Blue, Turquoise – Gamblin 1980 Oil Colors**

**SECTION I – PRODUCT IDENTITY**

Date Updated: 02-24-2014

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
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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: CO<sub>2</sub>, 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, CO<sub>2</sub> 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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