

01587-1009

Material Safety Data Sheet for NAPTHOL RED, NAPTHOL SCARLET, ALIZARIN CR... Page 1 of 2

Rec'd 10.18.05

MATERIAL SAFETY DATA SHEET

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

Portland, OR 97207

Product: NAPTHOL RED, NAPTHOL SCARLET, ALIZARIN CRIMSON ART Sketching OILS

Handwritten box containing:
01587- 3063
- 3064
- 3083
- 3084
- 3603
- 3604

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/28/94 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 & Common Names CAS# Wt% OSHA PEL ACGIH TLV

This product contains no hazardous materials (29 CFR 1910.1200)
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 solve
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
Unusual fire & explosion hazards: contaminated rags or other easily ignited organic
Reactivity: product is stable
Hazardous polymerization: will not occur
Conditions to avoid: avoid extreme heat

NAPTHOL RED, NAPTHOL RED LIGHT, ALIZARIN CRIMSON ART Sketching OILS MSDS

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

SECTION V -- HEALTH HAZARD DATA

Material Safety Data Sheet for CADMIUM RED LIGHT, CADMIUM RED MEDIUM, ... Page 1 of 2

MATERIAL SAFETY DATA SHEET

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

Portland, OR 97207

Product: CADMIUM RED LIGHT, CADMIUM RED MEDIUM, CADMIUM ORANGE
ART Sketching OILS

01587 - 3093
- 3094
- 3103
- 3104
- 4583
- 4584

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 10/04/94 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., Not regulated by DOT as a hazardous mat

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 solve
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
Unusual fire & explosion hazards: contaminated rags or other easily ignited organic

CADMIUM RED LIGHT, CADMIUM RED MEDIUM, CADMIUM ORANGE
ART Sketching OILS MSDS Page 2

Reactivity: product is stable
Hazardous polymerization: will not occur
Conditions to avoid: avoid extreme heat
Hazardous decomposition products:

Material Safety Data Sheet for CADMIUM RED LIGHT, CADMIUM RED MEDIUM, ... Page 2 of 2

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

Waste disposal method: Rags and absorbent materials should be immersed in water. Soak

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 VIII -- 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 believed

Material Safety Data Sheet for CADMIUM YELLOW LIGHT, CADMIUM YELLOW ... Page 1 of 2

MATERIAL SAFETY DATA SHEET

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

Portland, OR 97207

Product: CADMIUM YELLOW LIGHT, CADMIUM YELLOW MEDIUM,
CADMIUM YELLOW DEEP ART Sketching OILS

01537
- 4093
- 4094
- 4133
- 4134

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 10/04/94 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., Not regulated by DOT as a hazardous mat

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Cadmium Sulfide (as Cd)	1306-23-6	64-100	.05mg/m3	.5mg/m3
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 solve

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 & explosion hazards: contaminated rags or other easily ignited organic

Reactivity: product is stable

Hazardous polymerization: will not occur

Conditions to avoid: avoid extreme heat

CADMIUM YELLOW LIGHT, CADMIUM YELLOW MEDIUM, CADMIUM YELLOW DEEP ART Sketching OILS

Hazardous decomposition products:

Usual products of combustion: CO, CO2 and possibly acrolein.
-----<http://www.gamblincolors.com/msds/cadyclaso.html>

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Material Safety Data Sheet for CADMIUM YELLOW LIGHT, CADMIUM YELLOW ... Page 2 of 2

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
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 VIII -- 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 believed

Material Safety Data Sheet for Permanent Green Light, Phthalo Green, Sap Green Art Sk... Page 1 of 2

MATERIAL SAFETY DATA SHEET

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

01587-7093
- 7094
- 7803
- 7804

Product: Permanent Green Light, Phthalo Green, Sap Green Art Sketching Oils

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/22/94 Emergency telephone no. 503/235-1945

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

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

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 solve
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

Reactivity: product is stable
Hazardous polymerization: will not occur

Permanent Green Light, Phthalo Green, Sap Green Art Sketching Oils MSDS Page 2

Conditions to avoid: avoid extreme heat
Hazardous decomposition products:

Material Safety Data Sheet for Permanent Green Light, Phthalo Green, Sap Green Art Sk... Page 2 of 2

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
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 VIII -- 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 believed

Material Safety Data Sheet for Titanium White Art Sketching Oils

Page 1 of 2

MATERIAL SAFETY DATA SHEET

01587-1023
-1024

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

Portland, OR 97207

Product: Titanium White Art Sketching Oils

SECTION I -- PRODUCT IDENTITY

Date prepared: 11/28/94 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
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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 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
Reactivity: product is stable
Hazardous polymerization: will not occur

Titanium White Art Sketching Oils

MSDS Page 2

Conditions to avoid: avoid extreme heat
Hazardous decomposition products:
Usual products of combustion: CO, CO2 and possibly acrolein.

Material Safety Data Sheet for Titanium White Art Sketching Oils

Page 2 of 2

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
Waste disposal method: Rags and absorbent materials should be immersed in water. Soak

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 available

SECTION VIII -- STORAGE & HANDLING DATA

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

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 accurate.

Material Safety Data Sheet for Phthalo Blue, Ultramarine Blue, Ultramarine Violet, Cerul... Page 1 of 2

MATERIAL SAFETY DATA SHEET

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

Product: Phthalo Blue, Ultramarine Blue, Ultramarine Violet, Cerulean Blue Hue Art S

01587 - 5163
- 5164
- 5173
- 5174
- 5233
- 5234
- 6733
- 6734

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
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 solve
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

Phthalo Blue, Ultramarine Blue, Ultramarine Violet Art, Cerulean Blue Hue Sketching

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

SECTION V -- HEALTH HAZARD DATA

Material Safety Data Sheet for Phthalo Blue, Ultramarine Blue, Ultramarine Violet, Cerul... Page 2 of 2

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 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