

Data for Cobalt Colors:**Hazardous Ingredients/Identity/Standards/Content Information**

Ingredient Listing - wax/oil base medium
 CAS No. - mixture
 OSHA PEL - n/l
 ACGIH TLV - n/l
 STEL - n/l
 % COMP - <95.00

Ingredient Listing - cobalt pigment
 CAS No. - mixture
 OSHA PEL - 0.1 mg/m³
 ACGIH TLV - .02 mg/m³
 STEL - n/l
 % COMP - <50.00

The other ingredients in the wax base medium are judged to be non-hazardous, in this form, and are regarded as trade secrets.

Physical/Chemical Characteristics

Boiling Point - >260 degrees C.
 Melting Point - <110 degrees F.
 Vapor Pressure - n/a
 Evaporation Rate - n/a
 Odor - odor of wax
 Specific Gravity - 0.927 - 0.970
 Vapor Density - n/a
 Water Solubility - insoluble
 Appearance - colored wax

Fire and Explosion Hazard Data

Flash Point - >240 degrees C.
 Flash Point Method - open cup
 Upper Flammability Limit - >250 degrees F.
 Extinguishing Medium - foam, dry chemical and CO₂
 Specialized Fire/Fighting Procedure - none
 Unusual Fire and Explosion Hazard - none

Reactivity Data

Stable - yes
 Incompatibility - none
 Conditions to Avoid - none
 Hazardous Decomposition - yes
 Hazardous Polym. - no

Health Hazard Data:

contains cobalt compound which may cause cancer if eaten (risk of cancer depends on duration and level of exposure). **DO NOT EAT.** Wash hands and face after use and before eating or smoking. Not intended for use by children. Keep out of reach of children.

Routes of Entry

Inhalation - yes
 Skin - no
 Ingestion - yes

Carcinogen

NTP - n/l
 IARC - n/l
 OSHA - n/l

Signs/Symptoms of Exposure - none

Medical Conditions to Avoid - none

First Aid: If eaten seek medical attention immediately. If skin is irritated wash with soap & water. If irritation persists see a physician.

Precautions for Safe Handling and Use:

Spill - if heated, allow to cool
 Waste Disposal - dispose in an appropriate manner which complies with local regulations
 Precautions - do not store near heat; keep cool
 Other Precautions - none

Control Measures

Respiratory Protection - normally not needed
 Local Exhaust - use local exhaust if pigment sticks are heated
 Specific Local Exhaust - normally not needed
 Mechanical Exhaust - provide more ventilation if necessary
 Other Mechanical Exhaust - normally not needed
 Protective Gloves - wear gloves or barrier cream to protect against contact
 Eye Protection - normally not needed
 Protective Clothing - normally not needed; suggest freshly laundered artist's smock
 Work Practices - wash hands and face after use

Data For Cadmium Colors:**Hazardous Ingredients/Identity/Standards/Content Information**

Ingredient Listing - wax/oil base medium	Ingredient Listing - cadmium pigments
CAS No. - mixture	CAS No. - mixture
OSHA PEL - n/a	OSHA PEL - .005 mg/m ³
ACGIH TLV - n/a	ACGIH TLV - .002 mg/m ³
STEL - n/a	STEL - n/a
% COMP - <95	% COMP - <50

The other ingredients in the wax base medium are judged to be non-hazardous, in his form, and are regarded as trade secrets

Physical/Chemical Characteristics

Boiling Point - >260 degrees C.
 Melting Point - <110 degrees F.
 Vapor Pressure - n/a
 Evaporation Rate - n/a
 Odor - odor of wax
 Specific Gravity - 0.927-0.970
 Vapor Density - n/a
 Water Solubility - insoluble
 Appearance - colored wax

Fire and Explosion Hazard Data

Flash Point - >240 degrees C.
 Flash Point Method - open cup
 Upper Flammability Limit - >250 degrees F.
 Extinguishing Medium - foam, dry chemical and CO₂
 Specialized Fire/Fighting Procedure - none
 Unusual Fire and Explosion Hazard - none

Reactivity Data

Stable - yes
 Incompatibility - none
 Conditions to Avoid - none
 Hazardous Decomposition - yes
 Hazardous Polym. - no

Health Hazard Data

contains cadmium compounds which may cause cancer if eaten (risk of cancer depends on duration and level of exposure). Effects of ingestion are cumulative due to slow elimination of absorbed cadmium. May cause harm to kidneys, testes and developing fetus. Prolonged or repeated skin contact may cause irritation and dermatitis. DO NOT EAT. Wash hands and face after use and before eating or smoking. Not intended for use by children. Keep out of reach of children.

Routes of Entry

Inhalation - yes
 Skin - no
 Ingestion - yes

Carcinogen

NTP - listed
 IARC - listed
 OSHA - listed

Signs/Symptoms of Exposure - n/l**Medical Conditions to Avoid - none**

First Aid: If eaten seek medical attention immediately. If skin is irritated wash with soap & water. If irritation persists see a physician.

Precautions for Safe Handling and Use:

Spill - if heated, allow to cool
 Waste Disposal - dispose in an appropriate manner which complies with local regulations
 Precautions - do not store near heat, keep cool
 Other Precautions - none

Control Measures

Respiratory Protection - normally not needed
 Local Exhaust - use local exhaust if pigment sticks are heated
 Specific Local Exhaust - normally not needed
 Mechanical Exhaust - provide more ventilation if necessary
 Other Mechanical Exhaust - normally not needed
 Protective Gloves - wear gloves or barrier cream to protect against contact
 Eye Protection - normally not needed
 Protective Clothing - normally not needed, suggest freshly laundered artist's smock
 Work Practices - wash hands and face after use

Data For All Colors Except Cadmium & Cobalt:**Hazardous Ingredients/Identity/Standards/Content Information****Ingredient Listing - wax/oil base medium**

CAS No. - mixture

OSHA PEL - n/a

ACGIH TLV - n/a

STEL - n/a

% COMP - <95

Ingredient Listing - pigments/colorants

CAS No. - mixture

OSHA PEL - n/a

ACGIH TLV - n/a

STEL - n/a

% COMP - <50

The ingredients in the wax base medium are judged to be non-hazardous, in this form, and are regarded as a trade secrets

Physical/Chemical Characteristics

Boiling Point - >240 degrees C.

Melting Point - <110 degrees F.

Vapor Pressure - n/a

Evaporation Rate - n/a

Odor - odor of wax

Specific Gravity - 0.927-0.970

Vapor Density - n/a

Water Solubility - insoluble

Appearance - colored wax

Fire and Explosion Hazard Data

Flash Point - >240 degrees F.

Flash Point Method - open cup

Lower Flammability Limit - n/l

Upper Flammability Limit - n/l

Extinguishing Medium - foam, dry chemical and CO2

Specialized Fire/Fighting Procedure - none

Unusual Fire and Explosion Hazard - none

Reactivity Data

Stable - yes

Incompatibility - none

Conditions to Avoid - none

Hazardous Polym. - no

Hazardous Decomposing - yes

Health Hazard Data

Not intended for use by children. Keep out of reach of children.

Routes of Entry

Inhalation - yes

Skin - no

Ingestion - n/k

Carcinogen

NTP - not listed

IARC - not listed

OSHA - not listed

Signs/Symptoms of Exposure - not listed

Medical Conditions to Avoid - none

First Aid - normally not needed

Precautions for Safe Handling and Use:

Spill - if heated, allow to cool

Waste Disposal - dispose in an appropriate manner which complies with local regulations

Precautions - do not store near heat, keep cool

Other Precautions - none

Control Measures

Respiratory Protection - normally not needed

Local Exhaust - use local exhaust if pigment sticks are heated

Specific Local Exhaust - normally not needed

Mechanical Exhaust - provide more ventilation if necessary

Other Mechanical Exhaust - normally not needed

Protective Gloves - wear gloves or barrier cream to protect against contact

Eye Protection - normally not needed

Protective Clothing - normally not needed, suggest freshly laundered artist's smock

Work Practices - wash hands and face after use