

MATERIAL SAFETY DATA SHEET

Date of Preparation: 7-22-88

SECTION I

Manufacturer : Binney & Smith Company
 Address : P.O. Box 546
 Winfield, Kansas 67156
 Telephone : 316-221-4200
 Emergency : 316-221-4200

- H M I S -

Health	: 1
Flammability	: 0
Reactivity	: 0
Personal Protection	: *



Conforms to
 ASTM D4236
 & D4302

(HAZARD RATING: 0=least, 1=slight, 2=moderate, 3=high, 4=extreme, 5=chronic) *See Section VIII

Product Class: Artists Acrylic Paints
 Mfg. Code ID : Series 1002, 1008, 1016, 1032, 1034, 1045, 1047

170 - Cobalt Blue

7972-13
 7948-13
 7976-13
 7992-13

Trade Name LIQUITEX Artists Acrylic Color

SECTION II-A

HAZARDOUS COMPONENTS

This paint contains the following pigment listed in OSHA Standard 29 CFR Section 1910.1000, Table Z-1 for air contaminants:

<u>Component</u>	<u>CAS #</u>	<u>Vapor Pressure</u> mm Hg
Cobalt Aluminate	1345-16-0	Zero at room temperature

V-501

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>
Cobalt, metal, dust & fume	0.1 mg/m ³	0.1 mg/m ³

SECTION III

PHYSICAL DATA

Boiling point : not established
 Evaporation rate : < 1 (ether = 1)
 Vapor density : > 1 (air = 1)
 % Volatile by volume: 50 ± 10%
 Weight per gallon : 11 - 12 lbs.
 Specific gravity : 1.34 (H₂O = 1)

SECTION IV

HEALTH INFORMATION

Eye contact

Inert, nuisance particulate dust.

Skin contact

Non-toxic

Inhalation

Inert, nuisance particulate dust. See Section X.

Ingestion

This product may be irritating to the gastrointestinal tract if ingested.

Signs and symptoms

No specific hazard is known.

Aggravated medical conditions

Pre-existing skin, eye and respiratory disorders, impaired functions from pre-existing disorders may be aggravated by exposure to this product.

Other health effects

Repeated overexposure to this pigment dust may cause eye, skin and respiratory tract irritation.

SECTION V

EMERGENCY AND FIRST AID PROCEDURES

Eye contact

Immediately flush eyes with water for at least 15 minutes. Seek medical attention if any symptoms persist.

Skin contact

Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs.

Inhalation

Remove victim to fresh air and treat symptomatically.

Ingestion

Consult a physician, hospital or poison control center if product is ingested.

SECTION VI

FIRE AND EXPLOSION HAZARDS

Flammability classification - OSHA: CLASS IIIB
- DOT: not regulated

Flash point : > 212°F

Extinguishing media

Use water fog, foam, dry chemical or carbon dioxide.

Special fire fighting procedures and precautions

None known

Unusual fire and explosion hazards

Product as supplied will splatter and boil above 212°F. Product when dry may decompose and ignite above 400°F.

SECTION VII

REACTIVITY

Stability: Stable

Hazardous polymerization: Will not occur

Conditions and materials to avoid

None known

Hazardous decomposition products

Carbon dioxide, carbon monoxide and unidentified (unknown) organic compounds may be formed during combustion.

SECTION VIII

EMPLOYEE PROTECTION

Respiratory protection

Use good ventilation - For dust and mists, use NIOSH-certified mask.

Protective clothing

Avoid contact with eyes. Wear goggles if there is likelihood of contact with eyes.

Additional protective measures

Use ventilation as required to control vapor concentrations. Eye wash fountains and safety showers should be available for use in an emergency.

SECTION IX

ENVIRONMENTAL PROTECTION

Spill or leak procedures

Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. Small spills - take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

Waste disposal

Refer to latest EPA or State regulations regarding proper disposal.

SECTION X

ADDITIONAL PRECAUTIONS

For Air Brushing: Use NIOSH certified respirator. Do not inhale spray from air brush. Use window exhaust fan to remove vapors and assure adequate cross ventilation.

For Sanding Dried Paint: Use NIOSH certified respirator. Do not inhale from sanding operation.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.

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Blick code 12

166 - Chromium Oxide Green

7972-12
 7948-12
 7976-12
 7992-12

Trade Name LIQUITEX Artists Acrylic Color

SECTION II-A

HAZARDOUS COMPONENTS

Chromium Oxide is listed as a hazardous chemical in OSHA Standard 29 CFR Section 1910.1000.

<u>Component</u>	<u>CAS #</u>	<u>Vapor Pressure</u> mm Hg
Chromium Oxide	1308-38-9	Zero at room temperature

V-501

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>
Chromium Oxide	1 mg/m ³	0.5 mg/m ³

SECTION III

PHYSICAL DATA

Melting point : not established
 Evaporation rate : < 1 (ether = 1)
 Vapor density : > 1 (air = 1)

% Volatile by volume: 50 ± 10%
 Weight per gallon : 11.0 - 13.0 lbs.
 Specific gravity : 1.3 - 1.56 (H₂O = 1)