

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

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

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

*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 <sup>3</sup>	0.5 mg/m <sup>3</sup>

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 : 11.0 - 13.0 lbs.  
 Specific gravity : 1.3 - 1.56 (H<sub>2</sub>O = 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 and prolonged exposure to Trivalent chromium compounds may cause delayed effects involving the respiratory system.

## 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 III B  
- 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.

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