

#82559

MATERIAL SAFETY DATA SHEET

Date of Preparation: September 16, 1988

SECTION I

Manufacturer : Binney & Smith Company  
Address : P.O. Box 546  
Winfield, Kansas 67156  
Telephone : 316-221-4200  
Emergency : 316-221-4200  
Product Class : Artist Oil Paints  
Mfg. Code ID : Series 1144

- 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

166 - Chromium Oxide Green  
398 - Viridian

Trade Name LIQUITEX Artist Oil Colors

SECTION II-A

HAZARDOUS COMPONENTS

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

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

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

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

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SECTION III

PHYSICAL DATA

Boiling point	: not established > 300°F	% Volatile by volume	: < 1%
Evaporation rate	: < 1 (ether = 1)	Weight per gallon	: 12-19 lbs.
Vapor density	: > 1 (air = 1)	Specific gravity	: 1.97 (H <sub>2</sub> O = 1)

## SECTION IV

## HEALTH INFORMATION

Eye contact: Inert, nuisance particulate dust.

Skin contact: Non-toxic.

Inhalation: Do not spray apply. Avoid breathing dusts and mists. See Sections VIII & X.

Ingestion: Harmful if swallowed. Induce vomiting and call a physician.

Signs and symptoms: No specific hazard is known.

Aggravated medical conditions: Avoid using if pregnant or contemplating pregnancy.

Other health effects: Exposure may cause nervous system, kidney, or bone marrow damage, or harm to developing fetus.

## 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. Seek medical attention.

Ingestion: Induce vomiting and call a physician.

## SECTION VI

## FIRE AND EXPLOSION HAZARDS

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

Flash point: >300°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: None known.

## 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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