

MATERIAL SAFETY DATA SHEET

Date of Preparation: September 16, 1988

#82520, 82521, 82523, 82526
and 82559

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 1143, 1144

- H M I S -

Health	: 3
Flammability	: 0
Reactivity	: 0
Personal Protection	: *

*See Section VIII

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

- 150 - Cadmium Orange
- 152 - Cadmium Red Light
- 153 - Cadmium Red Medium Light
- 154 - Cadmium Red Medium Deep
- 155 - Cadmium Red Deep

Trade Name LIQUITEX Artist Oil Colors

SECTION II-A

HAZARDOUS COMPONENTS

Cadmium dust is listed on OSHA Standard 29 CFR Section 1910.1000, Table Z-2 for air contaminants. Cadmium and cadmium compounds are listed as an undifferentiated group on IARC and NTP as carcinogenic to animals.

<u>Component</u>	<u>CAS #</u>	<u>Vapor Pressure</u> mm Hg
Cadmium Sulfoselenide	58339-34-7	Zero at room temperature

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>
As cadmium dust	0.20 mg/m ³	0.05 mg/m ³

SECTION III

PHYSICAL DATA

Boiling point	: not established >300°F	% Volatile by volume:	< 1%
Evaporation rate	: < 1 (ether = 1)	Weight per gallon	: 17-20 lbs.
Vapor density	: > 1 (air = 1)	Specific gravity	: 2.25 (H ₂ O = 1)

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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 : 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 : Long-term exposure to metallurgical or soluble cadmium may lead to kidney disfunction.

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 : 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 : > 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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