

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

- H M I S -

Table with 2 columns: Hazard Category and Rating. Health: 1, Flammability: 0, Reactivity: 0, Personal Protection: \*



Conforms to ASTM D4236 & D4302

\*See Section VIII

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

Product Class: Artist Oil Paints
Mfg. Code ID : Series 1143, 1144, 1147

- 121 - Brilliant Yellow Light
165 - Cerulean Blue Hue Phthalo
300 - Deep Magenta
381 - Brilliant Blue Purple
399 - Neutral Gray - Value 3
431 - Titanium Zinc Everwhite
432 - Titanium White
434 - Unbleached Titanium
436 - Parchment
450 - Emerald Green
499 - Neutral Gray - Value 4
500 - Medium Magenta
550 - Brilliant Green
560 - Turquoise Green
570 - Brilliant Blue
590 - Brilliant Purple
599 - Neutral Gray - Value 5
660 - Bright Aqua Green
680 - Light Blue Violet
700 - Light Magenta
720 - Brilliant Orange
740 - Vivid Lime Green
770 - Permanent Light Blue
790 - Permanent Light Violet
799 - Neutral Gray - Value 7
810 - Light Portrait Pink
830 - Brilliant Yellow
840 - Brilliant Yellow Green
435 - Texture White Underpaint

Trade Name LIQUITEX Artist Oil Colors

SECTION II-A HAZARDOUS COMPONENTS

These paints contain the following pigments listed in OSHA Standard 29 CFR Section 1910.1000, Tables Z-1 or Z-3 for air contaminants:

Table with 3 columns: Component, CAS #, Vapor Pressure mm Hg. Lists Titanium Dioxide and Amorphous Silica.

82563, 82569

SECTION II-B OCCUPATIONAL EXPOSURE LIMITS

Table with 2 columns: OSHA PEL/TWA and ACGIH TLV/TWA. Lists limits for Titanium Dioxide and Amorphous Silica.

SECTION III PHYSICAL DATA

Boiling point : not established > 300°F
Evaporation rate : < 1 (ether = 1)
Vapor density : > 1 (air = 1)
% Volatile by volume: < 1%
Weight per gallon : 11-21 lbs.
Specific gravity : 2.10 (H2O = 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 masks.

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 concentration. 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 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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