

MATERIAL SAFETY DATA SHEET

Date of Preparation: 7-22-88

7976 - See codes below

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

*See Section VIII

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

Product Class: Artists Acrylic Paints
 Mfg. Code ID : Iridescent Paints - Series 1045, 1075

- 34 232 - Iridescent Bronze
- 37 233 - Iridescent Copper
- 35 234 - Iridescent Gold
- 235 - Iridescent Pewter
- 36 236 - Iridescent Silver
- 39 238 - Iridescent White

Trade Name LIQUITEX Artists Acrylic 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:

Component	CAS #	Vapor Pressure mm Hg
1. Titanium Dioxide	13464-67-7	N/A
2. Amorphous Silica	7631-86-9	N/A
3. Mica	12001-26-2	N/A

V-501

SECTION II-B

OCCUPATIONAL EXPOSURE LIMITS

	OSHA PEL/TWA	ACGIH TLV/TWA
1. Titanium Dioxide	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable)	10 mg/m ³ (Total dust) 5 mg/m ³ (Respirable)
2. Amorphous Silica	80 mg/m ³	10 mg/m ³
3. Mica	3 mg/m ³	N/A

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 : 9.0 - 12.0 lbs.
 Specific gravity : 1.08 - 1.44 (H₂O = 1)

SECTION IV

HEALTH INFORMATION

Eye contact

Inert, nuisance particulate dust. Amorphous silica can affect the body if it comes in contact with the eyes.

Skin contact

Non-toxic

Inhalation

Inert, nuisance particulate dust. See Section X. Prolonged inhalation of amorphous silica may cause silicosis with scarring of the lungs, cough, and shortness of breath.

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

Products have been certified as non-toxic by the Art & Craft Materials Institute and conforms to ASTM D 4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards.

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.

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