# MATERIAL SAFETY DATA SHEET

Date of Preparation: September 16, 1988 #82516,82535,482553

### SECTION I

Manufacturer: Binney & Smith Company

Address : P.O. Box 546

Winfield, Kansas 67156

winfield, Kansas 6/1

Telephone : 316-221-4200 Emergency : 316-221-4200

316-221-4200 (HAZARD RATTNO)

(MAZARD RATING: 0=least, 1=slight, 2=moderate, 3=high,

Reactivity : 0
Personal Protection : \*

Health

Flammability

-H M I S

\*See Section VIII

2=moderate, 3=high, 4=extreme, 5=chronic)

: 0

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

118 - Barn Red

125 - Brownish Madder 128 - Burnt Umber 214 - Green Earth Hue 216 - Greenish Umber

293 - Olive Green

308 - Permanent Asphaltum

331 - Raw Umber

390 - Van Dyke Brown

# Trade Name LIQUITEX Artist Oil Colors

### SECTION II-A

## HAZARDOUS COMPONENTS

Raw and Burnt Umber pigments contain some silica and manganese dioxide which are listed in OSHA Standard 29 CFR Section 1910.1000 for air contaminants.

Component

CAS #

Vapor Pressure mm Hg

Raw and Burnt Umber Pigments

12713-03-0

Zero at room temperature

### SECTION II-B

# OCCUPATIONAL EXPOSURE LIMITS

	OSHA PEL/TWA	ACGIH TLV/TWA
Silica - Z-3 crystalline quartz CAS 14808-60-7	10 mg/m <sup>3</sup>	N/A
Manganese - Z-1 CAS 7439-96-5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

## 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 : 11-14 lbs. Specific gravity : 1.53 (H<sub>2</sub>0 =

# SECTION IV

## HEALTH INFORMATION

Eye contact: Inert, muisance 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: Products have been certified as non-toxic by the Art & Craft Materials Institute and conform to ASIM D4236 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.

<u>Inhalation</u>: 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 : > 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.

September 16, 1988 (page 3)

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.

<u>Protective clothing</u>: 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.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.