

MATERIAL SAFETY DATA SHEET

Date of Preparation: September 16, 1988

#82516, 82535, & 82553

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, 1147

- H M I S -

Health	: 1
Flammability	: 0
Reactivity	: 0
Personal Protection	: *

*See Section VIII

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

- 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 ³	N/A
Manganese - Z-1 CAS 7439-96-5	5 mg/m ³	5 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 : 11-14 lbs.
Vapor density	: > 1 (air = 1)	Specific gravity : 1.53 (H ₂ O = 1)

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SECTION IV

HEALTH INFORMATION

Eye contact : Inert, nuisance 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 ASTM 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.

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 : > 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.

