

Silicone Art Materials **Silicone Pigment Dispersions**

1.

Chemical Product and Company Identification

Non-Toxic Artists Pigments in Silicone Fluid

Product Name/Pigment Name/C.I. No.

Silicone Pigment Dispersions including Primary, Secondary, Earth Color and Skin Tone Sets: Magenta (Quinacridone Magenta, C.I. No.: 73915), Cool Red (Anthraquinone Red, C.I. No.: 65300), Hot Red (Pyrrole Red, C.I. No.: 56110), Scarlet (Disazo Scarlet, C.I. No.: 3905-19-9), Orange (Azo Orange, C.I. No.: 12760), Warm Yellow (Arylide Yellow, C.I. No.: 11740), Cool Yellow (Quinophthalone Yellow, C.I. No.: 56300), Green Oxide (Chromium Oxide Green, C.I. No.: 77288), Cyan (Phthalocyanine Cyan, C.I. No.: 74160), Blue (Phthalocyanine Blue, C.I. No.: 74160), Violet (Carbazole Violet, C.I. No.: 51319), Green Oxide (Chromium Oxide Green, C.I. No.: 77288), White Oxide (Titanium Dioxide, C.I. No.: 77891), Buff Oxide (Buff Titanium, C.I. No.: 77891), Yellow Oxide (Yellow Iron Oxide, C.I. No.: 77492), Raw Sienna (Raw Sienna, C.I. Pigment 43), Red Oxide (Red Iron Oxide, C.I. No.: 77491), Burnt Sienna (Burnt Sienna, C.I. Pigment Red 102), Burnt Umber (Burnt Umber, C.I. Pigment Brown 7), Raw Umber (Raw Umber, C.I. Pigment Brown 7), Black Oxide (Black Iron Oxide, C.I. No.: 77499). (See separate MSDS for Cobalt Blue.)

Chemical Family: Silicone Pigment Dispersion

General Use: Coloration of Liquid Silicone Elastomer

DOT shipping class: Not regulated by DOT as a hazardous material.

Manufacturer: Tom McLaughlin Productions,
752 Communipaw Avenue, Jersey City, New Jersey 07304 201/273-2613

Emergency Contact: Chem-Tel

Domestic 800-255-3924

International 813-248-0585

2.

Hazardous Constituents

This product in liquid form precludes exposure to pigment dust.

In this form no hazards associated with dry powder pigments are expected.

This product is a mixture of various chemical ingredients.

This product contains no hazardous ingredients as defined under the criteria of OSHA's Hazard Communication Standard (29 CFR 1910.1200).

The label doesn't have to show any hazard mark, signal words and/or precautionary advices.

3.

Health Hazards

EYE: Not expected to cause adverse effects.

SKIN: Not expected to cause adverse effects.

INGESTION: Not expected to cause adverse effects.

INHALATION: No adverse effects are expected from short-term exposures at ambient temperature.

CHRONIC EFFECTS: None known

CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.

4.

First Aid Measures

EYE CONTACT: Flush with plenty of water.

SKIN CONTACT: Wipe off and wash with soap and water.

INHALATION: No emergency care anticipated.

INGESTION: If swallowed, call a physician.

5.

Fire Fighting Measures

FLASH POINT: >300 °F (estimated)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foams, or water fog or spray.

HAZARDOUS COMBUSTION PRODUCTS: May include carbon and silicone oxides and potentially irritating compounds such as formaldehyde.

OTHER INFORMATION: Firefighters wear SCBA. Cool overheated containers with water spray.

6.

Accidental Release Measures

Clear non-emergency personnel from the area. Extinguish sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with a sorbent such as sawdust, vermiculite, dirt, sand, clay, or cob grit. Collect and containerize material. Cleanup spills promptly and completely to minimize slipping hazard.

7.

Handling and Storage

HANDLING: At temperatures exceeding 300 °F, this product can form formaldehyde (an eye and respiratory irritant and a potential carcinogen). Avoid temperatures above 300 °F.

STORAGE: Store in dry area away from heat, sparks, and open flames, contact with acids or bases.

8.

Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general exhaust.

PERSONAL PROTECTIVE EQUIPMENT: Eye protection (e.g., chemical splash goggles) and rubber gloves are recommended.

RESPIRATORY PROTECTION: At ambient temperatures, no respiratory protection is needed. When sanding or spraying, use a NIOSH P100 dust and mist respirator.

PROTECTIVE GLOVES: None required under normal use. For techniques requiring continual hand exposure, gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use.

WORK/HYGIENIC PRACTICES: All Silicone Art Materials products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials.

9.

Physical Characteristics

APPEARANCE: Liquids of various colors

ODOR: Mild

pH: Not applicable

BOILING POINT: Not determined

VAPOR PRESSURE: <1 mm Hg @ 20 °C

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 0.97 @ 25°C

10.

Stability and Reactivity

CONDITIONS TO AVOID: Normally stable. Avoid temperatures in excess of 300 °F since traces of formaldehyde (a potential carcinogen) can be generated. Avoid contact with acids and bases.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers, bases and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Depends on temperature, air supply and presence of other materials; likely to form oxides of carbon and silicone, and possibly hydrogen gas and formaldehyde.

11.

Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain any compounds above the de minimis reporting levels subject to SARA Section 313 reporting requirements.

DISPOSAL: Upon disposal, this product is not a listed or characteristic RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with state and local regulations.

TRANSPORT: Not a hazardous material for shipping purposes based on United Nations Recommendations for the Transport of Dangerous Goods and 49 CFR Part 171.

EMERGENCY SHIPPING INFORMATION: Call CHEMTREC 1-800-424-9300.

HMIS: Health=0; Flammability=0; Reactivity=0; PPE=C

REVISION INDICATOR: version 1.3

DISCLAIMER:

The information contained herein is considered accurate; however, manufacturer makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.