



SAFETY DATA SHEET

SILICONE PIGMENT DISPERSIONS

SDS No. 02

Revision Date: 05/2022 Version 1.4

✓ GHS Compliant

1. Identification

Product identifier	Silicone Art Materials (SAM) Silicone Pigment Dispersions
Other means of identification	
SDS number	(SAM) Silicone Pigment Dispersions
Product code	(SAM) Silicone Pigment Dispersions
Recommended use	Pigments for silicone rubber compounds
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer/Supplier	Silicone Art Materials c/o 62 Mount Pleasant Avenue Troy, New York 12180 USA
Email:	tommcLaughlin75@hotmail.com
Contact person:	Health & Safety Manager
General Assistance:	201-273-2613
Emergency Telephone: 24 hour:	ChemTel
US and Canada:	1-800-255-3924
International:	+1-813-248-0585

2. Hazard(s) identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Regulation (EC) No 1272/2008 and subsequent amendments.

2.2 GHS Label elements, including precautionary statements

Pictogram(s): none

Signal word: none

General Precautions:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – None.

Section 3 - Composition / Information on Ingredients

3.1 Substances

Product Name	Chemical name	C.I. #	CAS number	%
Magenta	Quinacridone Magenta	C.I.# 73915	CAS# 980-26-7	5-35
Cool Red	Anthraquinone Red	C.I.# 65300	CAS# 84-65-1	5-35
Hot Red	Pyrrrole Red	C.I.# 84632-65-5	CAS# 84632-65-5	5-35
Scarlet	Disazo Scarlet	C.I.# 20730	CAS# 3905-19-9	5-35
Orange	Azo Orange	C.I.# 12760	CAS# 12223-26-6	5-35
Warm Yellow	Arylide Yellow	C.I.# 11740	CAS# 6528-34-3	5-35
Cool Yellow	Quinophthalone Yellow	C.I.# 56300	CAS# 5662-02-2	5-35
Green Oxide	Chromium Oxide Green	C.I.# 77288	CAS# 196696-68-1	10-50
Cyan	Phthalocyanine Blue	C.I.# 74160	CAS# 147-14-8	5-35
Blue	Phthalocyanine Blue	C.I.# 74160	CAS# 147-14-8	5-35
Cobalt Blue	Cobalt aluminate blue spinel	C.I.# 77346	CAS# 1345-16-0	5-35
Violet	Carbazole Violet	C.I.# 51319	CAS# 6358-30-1	5-35

White Oxide	Titanium Dioxide	C.I.# 77891	CAS# 13463-67-7	10-50
Buff Oxide	Buff Titanium	C.I.# 77891	CAS# 13463-67-7	10-50
Yellow Oxide	Yellow Iron Oxide	C.I.# 77492	CAS# 1310-14-1	10-50
Yellow Ochre	Yellow Iron Oxide	C.I.# 77492	CAS# 1310-14-1	10-50
Raw Sienna	Raw Sienna	C.I.# 77491	CAS# 1317-63-1	10-50
Red Oxide	Red Iron Oxide	C.I.# 77491	CAS# 51274-00-1	10-50
Crimson Oxide	Red Iron Oxide	C.I.# 77491	CAS# 51274-00-1	10-50
Burnt Sienna	Burnt Sienna	C.I.# 77491	CAS# 12000-57-6	10-50
Burnt Umber	Burnt Umber	Brown 7	CAS# 12713-03-0	10-50
Raw Umber	Raw Umber	Brown 7	CAS# 12713-03-0	10-50
Black Oxide	Black Iron Oxide	C.I.# 77499	CAS 1309-38-2	10-50
Dispersed in	Polydimethylsiloxane, vinyl terminated		CAS# 68083-19-2	50-95

Composition comments

Non-Toxic Artist Pigments dispersed in Silicone Fluid. No ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200 criteria. In this form no hazards associated with dry powder pigments are expected. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Section 4 - First Aid Measures**4.1 Description of first aid measures****Inhalation**

Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

Eye Contact

Flush eyes with plenty of water. If irritation persists, seek medical attention.

Skin Contact

In case of skin contact, wash thoroughly with soap and water.

Ingestion

Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and specific treatment needed.

None Known.

Section 5 - Fire-Fighting Measures**5.1 Extinguishing Media**

Water Fog, Dry Chemical, and Carbon Dioxide Foam

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Section 6 - Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely.

6.2 Environmental precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be

done safely. Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

6.4 Reference to other sections

See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.

Section 7 - Handling and Storage

7.1 Precautions for safe handling Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet local standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.3 Specific end use(s)

These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

None defined

8.2 Exposure controls

Respiratory Protection

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

Eye Protection

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Other Protective

Additional protective clothing or equipment is not normally required.

Clothing/Equipment

Provide eye bath and safety shower.

Comments

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	viscous liquid/various colors	Vapor pressure:	Not Applicable
Odor:	Mild to no odor	Vapor density (Air=1):	>1
pH:	N.A.(non-aqueous)	Evaporation rate:	Not Applicable
Flash Point:	>300 °F	Solubility in water:	Insoluble
Melting / freezing point:	Not Applicable	Specific Gravity (H2O=1, at 4 °C):	No data
Low / high boiling point:	No data	Relative density:	No data
Upper flammability limits:	f.p. at or above 200 °F	Decomposition temperature:	Not Applicable
Lower flammability limits:	No data	Viscosity:	viscous liquid

Section 10 - Stability and Reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

10.2 Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization cannot occur

10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong bases and acids
10.6 Hazardous decomposition products	

Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

Section 11- Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity	No data available	
Skin Corrosion/Irritation	No data available	
Serious Eye Damage/Irritation	No data available	
Respiratory/Skin Sensitization	No data available	
Germ Cell Mutagenicity	No data available	
Carcinogenicity	No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.	
Reproductive Toxicity	No data available	
Specific Target Organ Toxicity – Single Exposure		No data available
Specific Target Organ Toxicity – Repeated Exposure		No data available
Aspiration Hazard	No data available	
Potential Health Effects – Miscellaneous		No data available

Section 12 - Ecological Information

12.1 Toxicity	No data available
12.2 Persistence and Degradability	No data available
12.3 Bioaccumulative Potential	No data available
12.4 Mobility in Soil	No data available
12.5 Results of PBT and vPvB assessment	No data available
12.6 Other Adverse Effects	No data available

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Regulations may vary in various locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Container disposal

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

Section 14 - Transport Information

Not Regulated by DOT / IMDG / IATA

Section 15 - Regulatory Information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture:

REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of January 2020)

This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

In the United States (EPA Regulations)

TSCA Inventory Status (40 CFR710)

All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

CERCLA Hazardous Substance List (40 CFR 302.4)

None known.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute), Delayed (Chronic), Fire, None

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 65

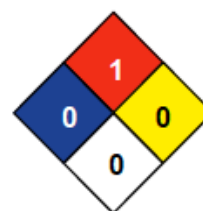
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16 - Other Information HMIS NFPA

HMIS	
H	0
F	1
R	0

**Abbreviations and acronyms**

ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer

The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.