

1. Identification

Product Identifier: **Silicone Color Black**
Silicone Color Blue
Silicone Color Brown
Silicone Color Flesh tone
Silicone Color Green
Silicone Color Purple
Silicone Color Red
Silicone Color White
Silicone Color Yellow

Product Code(s): SCBLACK, SCBLUE, SCBROWN, SCFLESH, SCGREEN, SCPURPL, SCRED, SCWHITE, SCYELLOW

Use: Pigment dispersions in silicone fluid for use with PlatSil® and TinSil® Silicone Rubbers. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.
 55 Hilton St., Easton, PA 18042

Phone Number: 610-559-8620 (8 a.m. to 6:30 p.m. EST)

Emergency Phone: CHEMTREC 800-424-9300 or +1 (703) 527-3887

E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification: Not classified as hazardous under GHS/OSHA's Hazard Communication Standard (29 CFR 1010.1200).

Label Elements: Not required.

Supplemental Information: May cause mild eye and possibly skin irritation and/or staining. Avoid contact with eyes, skin and clothing.

Read and understand the hazard information on liquid rubber components before use.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms: Call a doctor.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.

Most Important Symptoms/Effects: Mild skin and eye irritation.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Wear protective clothing to prevent eye and skin contact.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Absorb spilled material with an inert absorbent material. Collect and containerize material. Dispose of residue in accordance with state and local regulations.

7. Handling and Storage

Safe Handling: Use in well-ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See Section 8.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: No OSHA or ACGIH exposure limits apply to these products, except that Silicone Color Blue contains a cobalt compound:

Cobalt aluminate blue spinel pigment, 1345-16-0	OSHA PEL 0.1 mg/m ³ (as Co) ACGIH TWA 0.02 mg/m ³
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Engineering Controls: Provide general exhaust to minimize airborne concentrations.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and protective gloves (e.g., nitrile rubber).

Other Protective Measures: None.

9. Physical and Chemical Properties

Appearance: Liquid, colors vary

Odor: No data available

Odor Threshold: No data available

pH: Not applicable

Melting Point: No data available

Boiling Point: No data available

Flash Point: >128°C (262°F) (estimated)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: ≤0.1 mm Hg @ 25°C

Vapor Density: No data available

Relative Density: 1.1-1.4 @ 25°C

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: No data available.

Incompatible Materials: No data available.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon.

11. Toxicological Information

Eye Contact: May cause mild irritation.
Skin Contact: May cause mild irritation.
Inhalation: Vapors or mists may cause mild respiratory irritation.
Ingestion: Single oral dose toxicity is low. Large amounts may cause gastrointestinal effects. No other data available.
Chronic Health Effects: None known.
Acute Toxicity Values: No data available.
Germ Cell Mutagenicity: Components are not known mutagens.
Carcinogenicity: Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.
Reproductive Toxicity: Components are not known or suspected reproductive toxins.
Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: Not expected to be dangerous to aquatic organisms.
Persistence and Degradability: Not readily biodegradable.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.
U.S.: Upon disposal, these products are not RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.
Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous
Section 313 Toxic Chemicals: These products do not contain any compounds above the *de minimis* reporting levels subject to SARA Section 313 reporting requirements – EXCEPT Silicone Color Blue contains the following Section 313 ingredient:

Ingredient	CAS #/Category	Weight %
Cobalt Compound	N096	40

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All components are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65:

Silicone Color White-Warning: This product contains Titanium Dioxide which is known to the State of California to cause cancer.

www.P65Warnings.ca.gov

Silicone Color Brown- Warning: This product contains Carbon Black which is known to the State of California to cause cancer.

www.P65Warnings.ca.gov

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial or professional use only.

SDS Revision Notes: Added Product: August 20, 2021; Added Prop 65, May 20, 2019; Added new color brown July 7, 2016. Supersedes MSDS dated June 2, 2015.

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. 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.