Safety Data Sheet

Issue Date: 28-Jun-2018 **Revision Date:** 06-Jul-2018 **Version** 1

1. IDENTIFICATION

Product Identifier
Product Name Color-Sil-Satin

Other means of identification
SDS # CRI-010

Recommended use of the chemical and restrictions on use
Recommended Use Caulking compound. Sealant. Adhesive.

Details of the supplier of the safety data sheet
Supplier Address
Color Rite, Inc.
600 S. Ranchwood Boulevard
Yukon, Oklahoma 73009

Emergency Telephone Number
Company Phone Number 1-855-82CAULK
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance According to product specification

Physical state Liquid

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 2

Signal Word
Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
Suspected of damaging fertility or the unborn child

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards
Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Petroleum distillates, hydrotreated middle	64742-46-7	<30
Aluminum Hydroxide	21645-51-2	<15
Ethyltriacetoxysilane	17689-77-9	<5
Titanium(IV) Oxide	13463-67-7	<1
Octamethylcyclotetrasiloxane	556-67-2	<1
Cobalt titanite green spinel	68186-85-6	<1
Carbon Black	1333-86-4	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

Most important symptoms and effects

Symptoms Causes skin irritation. May include redness, drying and cracking of skin. Causes serious eye irritation. May cause discomfort if swallowed. Suspected of damaging fertility or the unborn child.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Do not use heavy water stream or water jet stream as this may spread the fire.

Specific Hazards Arising from the Chemical
Not considered flammable, but will burn under fire conditions.

Hazardous Combustion Products Carbon oxides. Silicon oxides. Acetic acid. Formaldehyde.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Wear eye/face protection. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from moisture. Keep container closed when not in use. Protect from direct sunlight. Protect from extreme temperatures. Store away from incompatible materials.

Incompatible Materials Strong acids. Strong bases. Strong oxidizers. Water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum Hydroxide 21645-51-2	TWA: 1 mg/m^3 respirable particulate matter	-	-
Colloidal silica 7631-86-9	-	TWA: 50 µg/m^3 excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 6 mg/m^3 <1% Crystalline silica TWA: 20 mppcf : (80)/(% SiO2) mg/m^3 TWA	IDLH: 3000 mg/m^3 TWA: 6 mg/m^3
Carbon Black 1333-86-4	TWA: 3 mg/m^3 inhalable particulate matter	TWA: 3.5 mg/m^3 (vacated) TWA: 3.5 mg/m^3	IDLH: 1750 mg/m^3 TWA: 3.5 mg/m^3 TWA: 0.1 mg/m^3 Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Titanium(IV) Oxide 13463-67-7	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust (vacated) TWA: 10 mg/m^3 total dust	IDLH: 5000 mg/m^3
Cobalt titanite green spinel 68186-85-6	TWA: 0.02 mg/m^3 Co	-	IDLH: 10 mg/m^3 Ni TWA: 0.015 mg/m^3 except Nickel carbonyl Ni

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical goggles or full face shield.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	According to product specification	**Odor**	Not determined
Color	According to product specification	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling Point / Boiling Range	Not determined	
Flash Point	> 100 °C / 212 °F	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid- Not Applicable	
Flammability Limit in Air		
Upper Flammability Limit	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	

Vapor Density	Not determined
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	200,000 mPa.s (Estimated)
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Avoid direct sunlight. Extreme temperatures. Avoid moisture. Ignition sources. Incompatible Materials.

Incompatible Materials
Strong acids. Strong bases. Strong oxidizers. Water.

Hazardous Decomposition Products
Carbon oxides. Silicone oxides. Acetic acid. Contact with water or humid air: Acetic acid
Thermal decomposition: Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated middle 64742-46-7	= 7400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
Aluminum Hydroxide 21645-51-2	> 5000 mg/kg (Rat)	-	-
Colloidal silica 7631-86-9	= 7900 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h

Methyltriacetoxysilane 4253-34-3	= 2060 mg/kg (Rat)	-	-
Octamethylcyclotetrasiloxane 556-67-2	= 1540 mg/kg (Rat)	= 794 µL/kg (Rabbit)	= 36 g/m^3 (Rat) 4 h
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Titanium(IV) Oxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Colloidal silica 7631-86-9		Group 3	Known	X
Carbon Black 1333-86-4	A3	Group 2B		X
Titanium(IV) Oxide 13463-67-7		Group 2B		X
Cobalt titanite green spinel 68186-85-6	A3	Group 2B Group 1	Known Reasonably Anticipated	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Group 3 IARC components are "not classifiable as human carcinogens"
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity Suspected of damaging fertility or the unborn child.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 9,550.00 mg/kg
ATEmix (dermal) 7,328.00 mg/kg
ATEmix (inhalation-gas) 2,565.00 mg/L
ATEmix (inhalation-vapor) 16.85 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum distillates, hydrotreated middle 64742-46-7		10000: 96 h Pimephales promelas mg/L LC50 static 35: 96 h Pimephales promelas mg/L LC50 flow-through	
Colloidal silica 7631-86-9	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static	7600: 48 h Ceriodaphnia dubia mg/L EC50
Octamethylcyclotetrasiloxane 556-67-2		1000: 96 h Lepomis macrochirus mg/L LC50 500: 96 h Brachydanio rerio mg/L LC50	25.2: 24 h Daphnia magna mg/L EC50

Carbon Black 1333-86-4			5600: 24 h Daphnia magna mg/L EC50

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility

Chemical Name	Partition Coefficient
Octamethylcyclotetrasiloxane 556-67-2	5.1

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Cobalt titanite green spinel 68186-85-6	Toxic

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG
Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, hydrotreated middle	X	X	X		X	X	X	X
Aluminum Hydroxide	X	X	X	X	X	X	X	X
Colloidal silica	X	X	X	X	X	X	X	X
Ethyltriacetoxysilane	X	X	X	X	X	X	X	X
Methyltriacetoxysilane	X	X	X	X	X	X	X	X

Octamethylcyclotetrasiloxane	X	X	X	X	X	X	X	X
Carbon Black	X	X	X	X	X	X	X	X
Titanium(IV) Oxide	X	X	X	X	X	X	X	X
Cobalt titanite green spinel	X	X	X	X	X	X	X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Cobalt titanite green spinel - 68186-85-6	68186-85-6	<1	1.0 0.1

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Cobalt titanite green spinel		X		

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Colloidal silica - 7631-86-9	Carcinogen
Carbon Black - 1333-86-4	Carcinogen
Titanium(IV) Oxide - 13463-67-7	Carcinogen
Cobalt titanite green spinel - 68186-85-6	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Colloidal silica 7631-86-9		X	X
Carbon Black 1333-86-4	X	X	X
Titanium(IV) Oxide 13463-67-7	X	X	X
Cobalt titanite green spinel 68186-85-6	X		X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	Not determined

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet