

# TECH LINE Coatings

## SAFETY DATA SHEET

### Section 1 – Identification

**Product Identifier:** Colorgard White

**Part Number:** CGW

**Recommended Use:** High Temperature White Coating

**Restrictions on Use:**

**Manufacturer / Supplier:**

Tech Line Coatings, Inc  
26844 ADAMS AVE.  
MURRIETA, CA 92562  
USA  
Phone 951-304-0834  
Fax 951-461-9658  
www.techlinecoatings.com

Keep out of reach of children.  
Not recommended for use on Medical equipment.  
Not recommended for use on Aviation equipment.

**Emergency Phone:** (Chemtrec) 1-800-424-9300

### Section 2 – Hazards Identification

**Signal Word:**

Warning

**Symbols:**



**Hazard Statements:**

Flammable liquid and vapor  
Causes skin Irritation  
Causes Serious Eye Irritation  
Suspected of causing genetic defects  
Suspected of causing cancer  
May cause respiratory irritation

**GHS Classification:**

**Category**

Flammable Liquid	3
Skin Irritation	2
Eye Damage/Irritation	2A
Germ Cell Mutagenicity	2
Carcinogenicity	2
Specific Target Organ Toxicity Single Exposure	3

**Precautionary Statements:**

Keep away from heat / sparks / open flames / hot surfaces. No Smoking. Ground / bond container and receiving equipment. Use explosion proof electrical / ventilating / lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

In case of fire use alcohol-resistant foam, dry chemical or carbon dioxide

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Wear protective gloves / protective clothing (chemical proof). Wear eye protection and face protection. Wash hands, face and any exposed skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fumes / mist / vapors / spray. Use only outdoors or in a well ventilated area.

If on skin or hair: wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center / doctor if you feel unwell.

If in eyes: Rinse cautiously in water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If exposed or concerned: Get medical advise / attention.

Dispose of Contents / container in accordance with regulations in your area. See section 13 for additional information.

### Section 3 – Composition / Information On Ingredients

Component Name	Common Name / Synonyms	CAS#	% of Weight
PARACHLOROBENZOTRIFLUORIDE	PCBTf	98-56-6	< 51%
Diphenyl, methyl, phenyl, phenylmethyl silicone resin		68037-81-0	Trade Secret
Titanium dioxide	TiO2	13463-67-7	< 28%

Other ingredients are not hazardous based on OSHA standard Section 29 CFR 1910.1200

### Section 4 – First Aid Measures

#### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water, and remove contaminated clothing shoes and leather goods. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Consult a physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

### Section 5 – Fire Fighting Measures

<b>Extinguishing Media:</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	<b>Special Fire Fighting Procedures:</b> Wear self contained breathing apparatus for fire fighting if necessary.
<b>Unusual Fire And Explosion Hazards:</b> Hazardous decomposition products formed under extreme fire conditions. - Carbon and other oxides. Vapors are heavier than air and may travel to a source of ignition and flash back.	<b>Additional Information:</b> Use water spray to cool unopened containers.

### Section 6 – Accidental Release Measures

#### Methods for Containment and Clean Up

- Soak up with inert absorbent material.
- Keep in suitable, marked and closed containers for disposal.
- Use spark-proof tools and explosion-proof equipment.
- Remove sources of ignition.
- Warn other workers of spill.
- Wear protective equipment
  - NIOSH Approved Respirator
  - Gloves
  - Safety Glasses
- Do not allow material to be released into the environment.

#### Additional Information:

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

### Section 7 – Handling And Storage

#### Handling:

Do not breathe vapors or mists from spraying. Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. Wear personal protective equipment. If required wear an appropriate NIOSH approved respirator with paint prefilter. Use explosion-proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from open flames, hot surfaces and sources of ignition. Use only non-sparking tools. Take precautionary measures against static discharges.

**Storage:**

Store in area suitable for flammable liquids. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Protect from oxidizers, inorganic acids, aldehydes, and isocyanates.

**Section 8 – Exposure Controls And Personal Protection**

Component	ACGIH TLV	OSHA PEL	NIOSH REL
PARACHLOROBENZOTRIFLUORIDE	TLV: Not Established	PEL: Not Established	CEL: 25 ppm 8hr TWA
Diphenyl, methyl, phenyl, phenylmethyl silicone resin	No data available	No data available	No data available
TiO2	10 mg/m3 (inspirable dust)	15 mg/m3 (total dust)	2.4 mg/m3 (fine particles)

**Engineering Controls:**

Exhaust ventilation.  
Showers  
Eyewash stations  
Use in a well-ventilated area.

**Respiratory Protection:**

Use NIOSH approved respirator if TWA/TLV limits are exceeded

**Protective Gloves:**

CHEMICAL RESISTANT

**Eye Protection:**

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

**Other Protective Equipment:**

WEAR PROTECTIVE CLOTHING, CHEMICAL RESISTANT OR OTHER PROTECTIVE OUTERWEAR, AVOID CONTACT WITH SKIN OR EYES

**Ventilation:**

Local Exhaust: Use To Maintain Below TWA Limits

**Mechanical:**

Use Non-Sparking Equipment

**Work / Hygienic Practices:**

wash thoroughly after handling product and before eating, drinking or smoking

**Section 9 – Physical And Chemical Properties**

Form :	liquid
Color :	White
Odor :	Mixture of Solvents
Odor Threshold:	Not Established
pH :	No data available
Melting point/range :	No data available
Initial boiling point :	> 250° F.
Flash point :	> 109° F.
Evaporation Rate:	No data available on mixture
Upper/lower flammability or explosive limits:	No data available on mixture
Vapor pressure	No data available on mixture
Vapor density	> 1 - (air =1)
Relative density	14.14 lbs per gallon
Solubility(ies)	No data available on mixture
Partition coefficient: n-octanol/water	No data available on mixture
Auto-ignition temperature	No data available on mixture

Decomposition temperature	No data available on mixture
Viscosity	No data available on mixture
Total VOC	< 2 g/l

### Section 10 – Stability And Reactivity

---

<b>Stability:</b>	STABLE
<b>Possibility of hazardous reactions:</b>	Hazardous Polymerization: Will not occur.
<b>Conditions to avoid:</b>	Avoid storage of open containers at elevated temperatures. Heat, flames and sparks, direct sunlight.
<b>Incompatible Materials:</b>	Oxidizing material can cause a reaction.
<b>Hazardous Decomposition Products:</b>	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silicon dioxide. Carbon oxides. Metal oxides. Formaldehyde.

### Section 11 – Toxicological Information

---

#### Potential Health Effects

<b>Inhalation</b>	May cause respiratory irritation
<b>Ingestion</b>	No data available
<b>Skin</b>	Causes skin Irritation
<b>Eyes</b>	Causes Serious Eye Irritation

#### Acute Toxicity

PCBTF	Oral LD50	LD50 Oral - rat - 13,000 mg/kg
	Inhalation LC50	No data available
	Dermal LD50	No data available
Diphenyl, methyl, phenyl, phenylmethyl silicone resin	Oral LD50	No data available
	Inhalation LC50	No data available
	Dermal LD50	No data available
Titanium Dioxide	Oral LD50	ALD/rat : > 24,000 mg/kg
	Inhalation LC50	ALC/4 h/rat : > 6.82 mg/l
	Dermal LD50	ALD/rabbit : > 10,000 mg/kg

#### Skin Corrosion/Irritation

PCBTF	In skin irritation studies, the compound was found to be slightly to moderately irritating.
TiO2	Skin - Human - Mild skin irritation - 3 h
All other	No data available

#### Serious Eye Damage/Eye Irritation

PCBTF	In eye irritation studies, the compound was found to be slightly to moderately irritating.
-------	--

All other  
No data available

### **Respiratory Or Skin Sensitization**

No data available

### **Germ Cell Mutagenicity**

PCBTF

Genotoxicity in vitro - Human - Embryo  
Unscheduled DNA synthesis

TiO<sub>2</sub>

Genotoxicity in vitro - Hamster - ovary  
Micronucleus test  
Genotoxicity in vitro - Hamster - Lungs  
DNA inhibition  
Genotoxicity in vitro - Hamster - ovary  
Sister chromatid exchange  
Genotoxicity in vivo - mouse - Intraperitoneal  
Micronucleus test

All other  
No data available

### **Carcinogenicity**

IARC: 2B - Group 2B: Possibly carcinogenic to humans (TiO<sub>2</sub>)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

This product contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

TiO<sub>2</sub>

Carcinogenicity - rat - Inhalation  
Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration: Tumors.  
Carcinogenicity - rat - Intramuscular  
Tumorigenic: Neoplastic by RTECS criteria. Blood: Lymphomas including Hodgkin's disease. Tumorigenic: Tumors at site or application.

### **Reproductive Toxicity**

PCBTF

In a two-generation reproduction study rats were exposed daily via oral gavage at doses of 0, 5, 15, and 45 mg/kg. Only limited reproductive effects were noted.

All other  
No data available

### **Specific Target Organ Toxicity Single Exposure**

PCBTF

Inhalation - May cause respiratory irritation.

All other  
No data available

### **Specific Target Organ Toxicity Repeated Or Prolonged Exposure**

No data available

**Aspiration Hazard**

No data available

**Section 12 – Ecological Information**

---

**General Comments:**

Do not allow material to be released into the environment without proper governmental permits

**Environmental Toxicity:**

PCBTF	Toxicity to fish	No data available
	Toxicity to daphnia and other aquatic invertebrates	No data available
Diphenyl, methyl, phenyl, phenylmethyl silicone resin	Toxicity to fish	No data available
	Toxicity to daphnia and other aquatic invertebrates	No data available
TiO2	Toxicity to fish	LC50/96 h/Fathead minnow: > 1,000 mg/l
	Toxicity to daphnia and other aquatic invertebrates	No data available

**Bioaccumulative Potential**

No data available on mixture

**Section 13 – Disposal Considerations**

---

**Waste Disposal Method:****RCRA Hazard Class (40 CFR 261)**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? Yes

Characteristic Waste:

Ignitable: D001

TCLP: D018

State or local laws may impose additional regulatory requirements regarding disposal.

**Contaminated Packaging**

Dispose of as unused product.

**Section 14 – Transportation Information**

---

**Hazardous for Shipping:** Yes**Based on 49 CFR, IATA and IMDG:****UN Number:** UN1263**UN Proper Shipping Name:** Paint**Hazard Class:** 3**Packing Group:** III**Labels:** Flammable Liquid**Placards:** Flammable Liquid**Section 15 – Regulations**

---

**TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:** All hazardous ingredients are on the TSCA Chemical

Substance Inventory.

Component	%	CAS Number	SARA 313	SARA 302	New Jersey RTK List	Pennsylvania RTK List	Massachusetts RTK List	California Prop 65 list
PCBTF	< 80%	98-56-6	No	No	Yes	Yes	No	No
Diphenyl, methyl, phenyl, phenylmethyl silicone resin	Trade Secret	68037-81-0	No	No	Yes	Yes	Yes	No
Titanium Dioxide	< 28%	13463-67-7	No	No	Yes	Yes	Yes	No

**SARA 311 / 312 Hazards:** Flammable Hazard, Acute Health Hazard, Chronic Health Hazard

**Section 16 – Other Information**

---

**Date Prepared:** 02/09/2015

**Date Updated:**

**Date Printed:** 02/09/2015

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Tech Line Coatings, Inc., knowledge or obtained from sources believed by Tech Line Coatings, Inc. to be accurate but does not purport to be all inclusive, and Tech Line Coatings, Inc., does not assume any legal responsibility for use or reliance upon same. Before using any chemical, read its label, instructions and safety data sheet.