



# Safety Data Sheet

## 1. Identification

**Product Information.** 10700

**Product Name:** Tuffcoat UT-100 Series Dark Green

**Recommended Use.** Paints

**Uses advised against.** Read label instructions and SDS

**Supplier.** Kop-Coat, Inc. / Kop-Coat Marine Group  
36 Pine Street  
Rockaway, NJ 07866  
1-800-221-4466

**Emergency telephone number.** Chemtrec: +1-800-424-9300 USA  
Chemtrec: +1 703-527-3887 ex-USA  
24 hrs./day, 7 days/week

## 2. Hazards Identification

**GHS Classification in accordance with 29 CFR 1910.1200**  
Carcinogenicity, category 1B

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

6.3% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

May cause cancer.

### Precautionary Statements - Prevention.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response.

If exposed or concerned: Get medical advice/attention.

### Precautionary Statements - Storage.

Store locked up.

### Precautionary Statements - Disposal.

Dispose of contents in accordance with local/regional/national/international regulations.

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Carbon black	1333-86-4	2.5-10
Hydrotreated aliphatic petroleum distillates	64742-52-5	2.5-10

Calcium carbonate (Limestone)	1317-65-3	1.0-2.5
Propylene glycol	57-55-6	1.0-2.5
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	0.1-1.0
Titanium dioxide	13463-67-7	0.1-1.0
Zinc oxide	1314-13-2	0.1-1.0
Ethylene glycol	107-21-1	0.1-1.0
Ammonium hydroxide	1336-21-6	0.1-1.0
Talc	14807-96-6	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid Measures

### Description of first-aid measures.

#### **General advice.**

Move victim to a safe isolated area. When symptoms persist or in all cases of doubt seek medical advice. Call a poison control center or doctor for treatment advice.

#### **Inhalation.**

Move to fresh air. Apply artificial respiration if victim is not breathing. Call a poison control center or doctor for treatment advice.

#### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a poison control center or doctor for treatment advice.

#### **Eye contact.**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

#### **Ingestion.**

Do not induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately.

#### **Symptoms.**

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

#### **Notes to physician.**

Treat symptomatically.

## 5. Fire-fighting Measures

### Extinguishing media.

#### **Suitable extinguishing media.**

Use: Dry powder. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>).

#### **Extinguishing media which shall not be used for safety reasons.**

Water may be unsuitable for extinguishing fires.

### Special hazards arising from the substance or mixture.

No information available.

### Advice for firefighters.

Evacuate personnel to safe areas. 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.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. All equipment used when handling the product must be grounded. Wear protective gloves/clothing and eye/face protection. Do not breathe vapors or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Thoroughly decontaminate all protective equipment after use.

#### **Advice for emergency responders.**

Refer to protective measures listed in sections 7 and 8. Use personal protection recommended in Section 8.

### **Environmental precautions.**

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological information.

### **Methods and materials for containment and cleaning up.**

#### **Methods for Containment.**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use personal protective equipment.

#### **Methods for cleaning up.**

Prevent further leakage or spillage if safe to do so. All equipment used when handling the product must be grounded. Ventilate the area. Use personal protective equipment as required. Clean contaminated objects and areas thoroughly while observing environmental regulations. Never return spills in original containers for re-use.

### **Reference to other sections.**

See section 8 for more information.

## **7. Handling and Storage**

### **Conditions for safe storage, including any incompatibilities.**

#### **Advice on safe handling.**

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Use according to package label instructions. Ground and bond containers when transferring material.

#### **Hygiene measures.**

Handle in accordance with good industrial hygiene and safety practice for diagnostics. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### **Storage Conditions.**

Keep container closed when not in use. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in accordance with local regulations. Keep from freezing. Keep away from food, drink and animal feedingstuffs.

## **8. Exposure Controls/Personal Protection**

### **Ingredients with Occupational Exposure Limits**

<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV-TWA</u></b>	<b><u>ACGIH-TLV STEL</u></b>	<b><u>OSHA PEL-TWA</u></b>	<b><u>OSHA PEL-CEILING</u></b>
Carbon black	3 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>	N.E.
Calcium carbonate (Limestone)	N.E.	N.E.	15 mg/m <sup>3</sup>	N.E.
Titanium dioxide	10 mg/m <sup>3</sup>	N.E.	15 mg/m <sup>3</sup>	N.E.
Zinc oxide	2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	N.E.
Ethylene glycol	25 ppm	50 ppm	N.E.	N.E.
Talc	2 mg/m <sup>3</sup>	N.E.	N.E.	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures.**

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

#### **Personal protective equipment.**

##### **Eye/Face Protection.**

If splashes are likely to occur, wear: Safety glasses with side-shields. Tightly fitting safety goggles.

##### **Skin and body protection.**

Use: Protective shoes or boots. Wear impervious gloves and/or clothing if needed to prevent contact with the material. Gloves must be inspected prior to use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove and wash contaminated clothing before re-use.

#### Respiratory protection.

In case of inadequate ventilation wear respiratory protection. If exposure limits are exceeded or irritation is experienced, respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

## 9. Physical and chemical properties.

### Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	No Information
Color	Green
Odor	No Information
Odor Threshold	No Information
pH	No Information
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	94 (201.20)
Boiling point/boiling range., °C (°F)	100 - 3,000 (212 - 5432)
Evaporation rate	No Information
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	1.106
Water solubility.	No Information
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	> 22mm <sup>2</sup> /s

### Other information.

Volatile organic compounds (VOC) content.	25 g/L
Density, lb/gal	9.213

## 10. Stability and Reactivity

### Reactivity.

Stable under normal conditions.

### Chemical stability.

Stable under recommended storage conditions.

### Possibility of hazardous reactions.

None known based on information supplied.

### Conditions to Avoid.

None known.

### Incompatible Materials.

None known based on information supplied.

### Hazardous Decomposition Products.

None known.

## 11. Toxicological Information

### Information on toxicological effects.

Acute toxicity.

#### Product Information

No Information

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

ATEmix (oral) 169,020.0 mg/kg  
ATEmix (dermal) 169,020.0 mg/kg

#### Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
1333-86-4	Carbon black	>15400 mg/kg Rat	N.I.	N.I.
64742-52-5	Hydrotreated aliphatic petroleum distillates	5000	5000	N.I.
57-55-6	Propylene glycol	20000 mg/kg Rat	20800 mg/kg Rabbit	N.I.
64742-65-0	Petroleum distillates, solvent dewaxed heavy paraffinic	>15000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
1314-13-2	Zinc oxide	>5000 mg/kg Rat	N.I.	>5.7 mg/L Rat (Dust)
107-21-1	Ethylene glycol	2000 mg/kg ( Rat )	10600 mg/kg Rat	N.I.
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	N.I.	N.I.

N.I. = No Information

### Skin corrosion/irritation.

SKIN IRRITANT.

### Eye damage/irritation.

No Information

### Respiratory or skin sensitization.

No Information

### Ingestion.

No Information

### Germ cell mutagenicity.

No Information

### Carcinogenicity.

No Information

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
1333-86-4	Carbon black	IARC Group 2B	-	-
13463-67-7	Titanium dioxide	IARC Group 2B	-	-
14807-96-6	Talc	IARC Group 3	-	-

### Reproductive toxicity.

No Information

### Specific target organ systemic toxicity (single exposure).

No Information

### Specific target organ systemic toxicity (repeated exposure).

May cause damage to organs through prolonged or repeated exposure.

### Aspiration hazard.

No Information

### Primary Route(s) of Entry

No Information

## 12. Ecological Information

### Toxicity.

7.19% of the mixture consists of ingredient(s) of unknown aquatic toxicity

### Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Hydrotreated aliphatic petroleum distillates 64742-52-5	-	LC50 96 h Oncorhynchus mykiss >5000 mg/L	EC50 48 h Daphnia magna >1000 mg/L
Propylene glycol 57-55-6	EC50 96 h Pseudokirchneriella subcapitata 19000 mg/L	LC50 96 h Oncorhynchus mykiss 51600 mg/L, LC50 96 h Oncorhynchus mykiss 41 - 47 mL/L, LC50 96 h Pimephales promelas 51400 mg/L, LC50 96 h Pimephales promelas 710 mg/L	EC50 48 h Daphnia magna >1000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-	LC50 96 h Oncorhynchus mykiss >5000 mg/L	EC50 48 h Daphnia magna >1000 mg/L
Zinc oxide 1314-13-2	-	LC50 96 h Danio rerio 1.55 mg/L	-
Ethylene glycol 107-21-1	EC50 96 h Pseudokirchneriella subcapitata 6500 - 13000 mg/L	LC50 96 h Oncorhynchus mykiss 41000 mg/L, LC50 96 h Oncorhynchus mykiss 14 - 18 mL/L, LC50 96 h Lepomis macrochirus 27540 mg/L, LC50 96 h Oncorhynchus mykiss 40761 mg/L, LC50 96 h Pimephales promelas 40000 - 60000 mg/L, LC50 96 h Poecilia reticulata 16000 mg/L	EC50 48 h Daphnia magna 46300 mg/L
Ammonium hydroxide 1336-21-6	-	LC50 96 h Pimephales promelas 8.2 mg/L	EC50 48 h water flea 0.66 mg/L, EC50 48 h Daphnia pulex 0.66 mg/L
Talc 14807-96-6	-	LC50 96 h Brachydanio rerio >100 g/L	-

### Persistence and degradability.

No data are available on the product itself.

### Bioaccumulative potential.

Discharge into the environment must be avoided.

#### CAS-No.

107-21-1

#### Chemical Name

Ethylene glycol

#### log POW

-1.93

### Mobility in soil.

No information

### Other adverse effects.

No information

## 13. Disposal Considerations

### Waste Disposal Guidance.

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

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### DOT

No Information

### Additional Information:

Not regulated

### IMDG

No Information

### Additional Information:

Not regulated

**IATA** No Information  
**Additional Information:** Not regulated

## 15. Regulatory Information

### International Inventories:

TSCA Complies  
 DSL -  
 DSL/NDSL -  
 EINECS/ELINCS -  
 ENCS -  
 IECSC -  
 KECI -  
 PICCS -  
 AICS -  
 NZIoC -

#### TCSI

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.  
 DSL Canadian Domestic Substances List.  
 DSL/NDSL Canadian Domestic Substances List/Canadian 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.  
 NZIoC New Zealand Inventory of Chemicals.  
 TCSI Taiwan Chemical Substance Inventory

### U.S. Federal Regulations:

#### SARA SECTION 313:

This product does not contain any chemicals that are subject to the reporting requirements of SARA 313.

#### TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

#### CALIFORNIA PROPOSITION 65 CARCINOGENS



### WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer..

#### Chemical Name

Carbon black  
 Titanium dioxide

#### CAS-No.

1333-86-4  
 13463-67-7

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



### WARNING

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

#### Chemical Name

Ethylene glycol

#### CAS-No.

107-21-1

**16. Other Information**

**Revision Date:** 10/28/2021 **Supersedes Date:** New SDS  
**Reason for revision:** No Information  
**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
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**NFPA Ratings:**

<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	---
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.



