SAFETY DATA SHEET
COOL-TEC® Heat-Reflective Concrete Floor Coating

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cool-Tec® Heat Reflective Concrete Floor Coating

Product Number: CTC Series

Product Use: Paint material

Manufacturer/Supplier: TEX-COTE LLC
2422 East 15th Street,
Panama City, FL 32405

Phone Number: 850-769-0347

Emergency Phone: 1-800-424-9300 (CHEMTREC)

Date of Preparation: March 31, 2025

Section 2: HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Precautionary Statements

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

Response: Seek medical advice/attention if you feel unwell.

Storage: Keep away from children. Store in a dry place. Store in a closed container.

Disposal: Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified (HNOC): If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

Other information: Causes mild skin irritation. Very toxic to aquatic life with long lasting effects. Acute toxicity: 21.59311% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Chemical Name	CAS #	Weight %
Non-hazardous Resin	M395	10 - <30
Water	7732-18-5	10 - <30
Celestite	-	10 - <30
Titanium Dioxide	13463-67-7	1 - <10
Calcined Kaolin	92704-41-1	1 - <10
Barium Sulfate	7727-43-7	1 - <10

Mineral Oil Mist	C129	0.1 - <1
Aluminum oxides	1344-28-1	0.1 - <1
Sodium Hexametaphosphate	68915-31-1	0.1 - <1
Amorphous Silica	7631-86-9	0.1 - <1
Aluminum Hydroxide	21645-51-2	0.1 - <1
Non-hazardous Resin	M395D	0.1 - <1
Aluminum hydroxide	1336-21-6	0.1 - <1
Dispersing agent	C161	0.1 - <1
Propylene Glycol	57-55-6	0.1 - <1
2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE	26530-20-1	0 - <0.1
Trade secret	-	0 - <0.1
Triethylolpropane	77-99-6	0 - <0.1
Crystalline silica	14808-60-7	0 - <0.1
Cellulose	9004-62-0	0 - <0.1
Dipropylene glycol	25265-71-8	0 - <0.1
Branched ammonium salt	68649-55-8	0 - <0.1
1,2-BENZISOTHIAZOLIN-3-ONE	2634-33-5	0 - <0.1
Sodium Hydroxide	1310-73-2	0 - <0.1
Non-hazardous material	C248	0 - <0.1
Copper Compounds	147-14-8	0 - <0.1
Red Pigment	-	0 - <0.1
Non-hazardous Resin	R291	0 - <0.1
Non-hazardous Resin	BL114	0 - <0.1
Rosin (Gum)	8050-09-7	0 - <0.1
Calcium chloride	10043-52-4	0 - <0.1
Petroleum distillates	64741-88-4	0 - <0.1
Petroleum distillates	64741-89-5	0 - <0.1
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1	26172-55-4	0 - <0.1
Ethanol	64-17-5	0 - <0.1

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: FIRST AID MEASURES

Description of first aid measures

General advice If symptoms persist, call a physician.
Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Inhalation If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion If swallowed, do not induce vomiting. Get medical attention immediately.
Self-protection of the first aider Use personal protective equipment. Avoid contact with eyes, skin and clothing
Most important symptoms and effects, both acute and delayed.
Notes to physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media:
Carbon dioxide. Foam. Dry chemical.
Unsuitable extinguishing media:
Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical:
Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.
Hazardous combustion products: may include a complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.
Protective equipment and precautions for firefighters:
As with any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods for containment: Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

Section 7: HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	TWA: 0.2 mg/m³ nanoscale respirable particulate matter TWA: 2.5 mg/m³ finescale respirable particulate matter	TWA: 15 mg/m³ total dust	5000 mg/m³
BARIUM SULFATE (TOTAL DUST) 7727-43-7	TWA: 5 mg/m³ inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction	
BARIUM SULFATE (TOTAL DUST) 7727-43-7	TWA: 5 mg/m³ inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction	
ALUMINUM OXIDES 1344-28-1	TWA: 1 mg/m³ respirable particulate matter	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction	
AMORPHOUS SILICA 7631-86-9	-	-	3000 mg/m³
ALUMINUM HYDROXIDE 21645-51-2	TWA: 1 mg/m³ respirable particulate matter	-	
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	TWA: 0.025 mg/m³ respirable particulate matter	TWA: 50 µg/m³	50 mg/m³ respirable dust
SODIUM HYDROXIDE 1310-73-2	Ceiling: 2 mg/m³	TWA: 2 mg/m³	10 mg/m³
COPPER COMPOUNDS 147-14-8	TWA: 1 mg/m³ dust and mist	-	100 mg/m³ dust and mist
ROSIN (GUM) 8050-09-7	TWA: 0.001 mg/m³ inhalable particulate matter	-	

Appropriate engineering controls

Engineering measures: Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIHs Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses with side-shields.
Skin and body protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection: Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or

dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid		
Appearance	No information available	**Odor**	Slight
Color	No information available	**Odor threshold**	No information available

Property	**Values**	**Remarks**
pH		No data available
Melting point / freezing point	No data available	
Boiling point / boiling range		No information available
Flash point	> 110 °C / > 230 °F	Pensky Martens - Closed Cup
Evaporation rate		No data available
Flammability (solid, gas)	No data available	
Flammability Limit in Air		No data available
Upper flammability limit	NA	
Lower flammability limit	NA	
Vapor pressure		No data available
Vapor density		No data available
Specific gravity	1.40373	g/cm3
Water solubility	Insoluble in cold water	
Solubility in other solvents		No data available
Partition coefficient: n-octanol/water		No data available
Autoignition temperature	No data available	No data available
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	1700 centipoises	approx

Other Information

Molecular weight	No information available
Density	11.70712 lbs/gal
Volatile organic compounds (VOC) content	0.02703 lbs/gal
Total volatiles weight percent	34.28 %
Total volatiles volume percent	48.19 %
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY

Reactivity: No Data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: No materials to be especially mentioned.

Hazardous decomposition products: Hazardous combustion products may include a complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide. Hydrocarbons.

Section 11: TOXICOLOGY INFORMATION

Information on Likely Routes of Exposure
Inhalation: May cause irritation.
Eye contact: May cause irritation.
Skin contact: May cause irritation.
Ingestion: May be harmful if swallowed.

Information on toxicological effects
Symptoms: May cause skin and eye irritation. May cause respiratory irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:
Chronic Toxicity: Avoid repeated exposure.
Sensitization: No information available.
Mutagenicity: No information available.
Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	A3	Group 2B	-	X
AMORPHOUS SILICA 7631-86-9		Group 3	Known	
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	A2	Group 1	Known	X
PETROLEUM DISTILLATES 64741-88-4	A2	Group 1	Known	
PETROLEUM DISTILLATES 64741-89-5	A2	Group 1	Known	
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	A3	Group 2B	-	X
ETHANOL 64-17-5	A3	Group 1	Known	

Reproductive effects: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure: No information available
Aspiration hazard: No information available.
Acute Toxicity: 21.59311 % of the mixture consists of ingredient(s) of unknown toxicity.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects

22.85428 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia
CALCINED KAOLIN 92704-41-1	EC50: >100 mg/L Desmodesmus subspicatus 72 h	LC50: >100 mg/L Oncorhynchus mykiss 96 h semi-static	EC50: >1 mg/L Daphnia magna 48 h
AMORPHOUS SILICA 7631-86-9	EC50: 440 mg/L Pseudokirchneriella subcapitata 72 h	LC50: 5000 mg/L Brachydanio rerio 96 h static	EC50: 7600 mg/L Ceriodaphnia dubia 48 h
AMMONIUM HYDROXIDE 1336-21-6	-	LC50: 8.2 mg/L Pimephales promelas 96 h	EC50: 0.66 mg/L water flea 48 h EC50: 0.66 mg/L Daphnia pulex 48 h
PROPYLENE GLYCOL 57-55-6	EC50: 19000 mg/L Pseudokirchneriella subcapitata 96 h	LC50: 51600 mg/L Oncorhynchus mykiss 96 h static LC50: 41 - 47 mL/L Oncorhynchus mykiss 96 h static LC50: 51400 mg/L Pimephales promelas 96 h static LC50: 710 mg/L Pimephales promelas 96 h	EC50: >1000 mg/L Daphnia magna 48 h Static
TRIETHYLOLPROPANE 77-99-6	-	-	EC50: 13000 mg/L Daphnia species 48 h EC50: 10330 - 16360 mg/L Daphnia magna 48 h Static
SODIUM HYDROXIDE 1310-73-2	-	LC50: 45.4 mg/L Oncorhynchus mykiss 96 h static	-
ROSIN (GUM) 8050-09-7	EC50: 400 mg/L Desmodesmus subspicatus 72 h	-	EC50: 3.8 - 5.4 mg/L Daphnia magna 48 h
CALCIUM CHLORIDE 10043-52-4	-	LC50: 10650 mg/L Lepomis macrochirus 96 h static	LC50: 2280000 - 3948000 µg/L Daphnia magna 48 h
PETROLEUM DISTILLATES 64741-88-4	-	LC50: >5000 mg/L Oncorhynchus mykiss 96 h	EC50: >1000 mg/L Daphnia magna 48 h
PETROLEUM DISTILLATES 64741-89-5	-	LC50: >5000 mg/L Oncorhynchus mykiss 96 h	EC50: >1000 mg/L Daphnia magna 48 h
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1 26172-55-4	EC50: 0.11 - 0.16 mg/L Pseudokirchneriella subcapitata 72 h static EC50: 0.03 - 0.13 mg/L Pseudokirchneriella subcapitata 96 h static	LC50: 1.6 mg/L Oncorhynchus mykiss 96 h semi-static	EC50: 4.71 mg/L Daphnia magna 48 h EC50: 0.12 - 0.3 mg/L Daphnia magna 48 h Flow through EC50: 0.71 - 0.99 mg/L Daphnia magna 48 h Static
ETHANOL 64-17-5	-	LC50: 12.0 - 16.0 mL/L Oncorhynchus mykiss 96 h static LC50: >100 mg/L Pimephales promelas 96 h static LC50: 13400 - 15100 mg/L Pimephales promelas 96 h flow-through	LC50: 9268 - 14221 mg/L Daphnia magna 48 h EC50: 2 mg/L Daphnia magna 48 h Static
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1 26172-55-4	EC50: 0.11 - 0.16 mg/L Pseudokirchneriella subcapitata 72 h static EC50: 0.03 - 0.13 mg/L Pseudokirchneriella subcapitata 96 h static	LC50: 1.6 mg/L Oncorhynchus mykiss 96 h semi-static	EC50: 4.71 mg/L Daphnia magna 48 h EC50: 0.12 - 0.3 mg/L Daphnia magna 48 h Flow through EC50: 0.71 - 0.99 mg/L Daphnia magna 48 h Static

Persistence and degradability: No information available.
Bioaccumulation: No information available.

Mobility in Environmental Media

Chemical name	log Pow
PROPYLENE GLYCOL 57-55-6	-1.07
TRIETHYLOLPROPANE 77-99-6	-0.47
DIPROPYLENE GLYCOL 25265-71-8	-0.462
1,2-BENZISOTHIAZOLIN-3-ONE 2634-33-5	1.3
COPPER COMPOUNDS 147-14-8	6.6
ROSIN (GUM) 8050-09-7	>1.9 - <=7.7
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1 26172-55-4	-0.71 - 0.75
ETHANOL 64-17-5	-0.32
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1 26172-55-4	-0.71

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods: It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

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

Chemical name	CAWAST
AMMONIUM HYDROXIDE 1336-21-6	Toxic Corrosive
SODIUM HYDROXIDE 1310-73-2	Toxic Corrosive
COPPER COMPOUNDS 147-14-8	Toxic
ETHANOL 64-17-5	Toxic Ignitable

Section 14: TRANSPORTATION INFORMATION

DOT
Proper Shipping Name PAINT & RELATED MATERIAL water base freezable.
Additional Information The above transport information is for non-bulk packaging only (≤ 119 gallons).
For additional information, contact Tex-Cote at 800-454-0340 or info@texcote.com.
IATA
UN/ID no. UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s, (Ammonia Solutions)
Hazard Class 9
Packing Group III
ERG Code 171
IMDG/IMO
UN/ID no. UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s., (Ammonia Solutions)
Hazard Class 9
Packing Group III
EmS No. F-A,S-F
Marine Pollutant Yes
Additional Information Contact Tex-Cote at 800-454-0340 or info@texcote.com for additional information or other modes of transportation.

Section 15: REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Does Not Comply
EINECS/ELINCS Does Not Comply
ENCS Does Not Comply
IECSC Complies
KECL Does Not Comply
PICCS Does Not Comply
AICS Complies

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 Commercial Chemical Substances/EU 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

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 40n of the Code of Federal Regulations, Part 372:

Chemical name	SARA 313 - Threshold Values
BARIUM SULFATE (TOTAL DUST) - 7727-43-7	1.0
BARIUM SULFATE (TOTAL DUST) - 7727-43-7	1.0
ALUMINUM OXIDES - 1344-28-1	1.0
AMMONIUM HYDROXIDE - 1336-21-6	1.0
COPPER COMPOUNDS - 147-14-8	1.0

SARA 311/312 Hazardous
Categorization Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
AMMONIUM HYDROXIDE 1336-21-6	1000 lb			X
SODIUM HYDROXIDE 1310-73-2	1000 lb			X
COPPER COMPOUNDS 147-14-8		X		

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs	RQ
AMMONIUM HYDROXIDE 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
SODIUM HYDROXIDE 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

Chemical name	TSCA 5(a)2
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1	62 FR 34421, Jun 26, 1997 proposed rule PMN P-95-0116 62 FR 34421, Jun 26, 1997 proposed rule PMN P-96-1250
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-1	62 FR 34421, Jun 26, 1997 proposed rule PMN P-95-0116 62 FR 34421, Jun 26, 1997 proposed rule PMN P-96-1250

California Prop. 65

WARNING: This product can expose you to the following chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical name	California Prop. 65
TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7	Carcinogen
AMORPHOUS SILICA - 7631-86-9	Carcinogen
CRYSTALLINE SILICA (QUARTZ) - 14808-60-7	Carcinogen
ETHANOL - 64-17-5	Carcinogen Developmental
TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7	Carcinogen

California SCAQMD Rule 443
Does Not Contain Photochemically Reactive Solvent

State Right-to-Know

Chemical name	New Jersey	Massachusetts	Pennsylvania
WATER 7732-18-5			X
WATER 7732-18-5			X
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	X	X	X
BARIUM SULFATE (TOTAL DUST) 7727-43-7	X	X	X
BARIUM SULFATE (TOTAL DUST) 7727-43-7	X	X	X
ALUMINUM OXIDES 1344-28-1	X	X	X
AMORPHOUS SILICA 7631-86-9		X	X
AMMONIUM HYDROXIDE 1336-21-6	X	X	X
PROPYLENE GLYCOL 57-55-6	X		X
CRYSTALLINE SILICA (QUARTZ) 14808-60-7	X	X	X
DIPROPYLENE GLYCOL 25265-71-8			X
SODIUM HYDROXIDE 1310-73-2	X	X	X
WATER 7732-18-5			X
WATER 7732-18-5			X
COPPER COMPOUNDS 147-14-8	X		X
ROSIN (GUM) 8050-09-7			X
PETROLEUM DISTILLATES 64741-89-5		X	
TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7	X	X	X
ETHANOL 64-17-5	X	X	X

Section 16: OTHER INFORMATION

NFPA Health 1 **Flammability** 0 **Instability** 0 **Physical hazard** -
HMIS (Hazardous Material Information System) **Health** 1 **Flammability** 0 **Reactivity** 0

Prepared By: Tex-Cote Regulatory Affairs: 850-890-0820
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Version 1.0

Disclaimer:

For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910. To the best of our knowledge, the information contained herein is accurate. However, Tex-Cote LLC assumes no liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.