

Safety Data Sheet

Material Name: X-Tenda Coat Classic HT Acrylic Coating

Product #: 340610 – Dark Gray Drum, 340611 – Dark Gray Pail, 340612 – Light Gray Drum, 340613 – Light Gray Pail, 340614 – Tan Drum, 341302 – Tan Pail, 340615 – Base Acrylic Gray Drum, 340616 – White Drum, 340617 – White Pail

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

X-Tenda Coat Classic HT Acrylic Coating

Product Use

Water-borne acrylic coating

Restrictions on Use

For industrial use only.

Manufacturer Information

Carlisle SynTec Systems
1285 Ritner Highway
Carlisle, PA 17013
USA
Phone: +1-800-479-6832
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

Section 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Skin Sensitizer – Category 1	Skin sensitizer
Carcinogen – Category 1A	Known Human Carcinogen Based on human evidence
Reproductive Toxin – Category 2	Human or animal evidence possibly with other information

GHS Hazards

H317	May cause an allergic skin reaction
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P321	Specific treatment is urgent (see Section 4 First Aid measures)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P308+P313	IF exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

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Signal Word: Danger



Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: Consult physician.

Conditions Aggravated: None known

Chronic Effects: Not expected to cause any adverse chronic health effects.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
1317-65-3	Limestone	10.00% - 20.00%
21645-51-2	Aluminum hydroxide (Al(OH) ₃)	10.00% - 20.00%
13463-67-7	Titanium Dioxide	5.00% - 10.00%
57-55-6	1,2-Propylene glycol	1.00% - 5.00%
1897-45-6	Chlorothalonil	0.10% - 1.00%
1336-21-6	Ammonium hydroxide	0.10% - 1.00%
119-61-9	Benzophenone	0.10% - 1.00%
14808-60-7	Quartz	0.10% - 1.00%
64742-65-0	Distillates, petroleum, solvent-dewaxed heavy paraffinic	0.10% - 1.00%
64741-88-4	Distillates, petroleum, solvent-refined heavy paraffinic	0.10% - 1.00%

Section 4 - FIRST AID MEASURES

Inhalation: If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

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After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

Section 5 – FIRE FIGHTING MEASURES

Flash Point: 99°C (210°F)

LEL: N/A

UEL: N/A

Upper and lower explosive limits listed if known.

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, and traces of HCN

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

Section 6 - ACCIDENTAL RELEASE MEASURES

Person-Related Safety Precautions: Avoid contact with skin and eyes. Do not breathe vapors.

Measures for Environmental Precaution: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

Clean up with water. Avoid discharge into drains, water courses, or onto the ground.

Section 7 - HANDLING AND STORAGE

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Keep containers tightly closed. Store between 45°F-100°F. Material may freeze below 32°F. Material may settle.

Regulatory Requirements: Store according to all local, state, and federal regulations.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Limestone	1317-65-3
OSHA:	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

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ACGIH:	Not Established
Other:	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)
Aluminum hydroxide (Al(OH)₃)	21645-51-2
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Titanium dioxide	13463-67-7
OSHA:	15 mg/m ³ TWA (total dust)
ACGIH:	10 mg/m ³ TWA
Other:	Not Established
1,2-Propylene glycol	57-55-6
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Chlorothalonil	1897-45-6
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Ammonium hydroxide	1336-21-6
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Benzophenone	119-61-9
OSHA:	Not Established
ACGIH:	Not Established

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Other:	Not Established
Quartz	14808-60-7
OSHA:	Not Established
ACGIH:	0.025 mg/m ³ TWA (respirable fraction)
Other:	NIOSH: 0.05 mg/m ³ TWA (respirable dust)
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established

Engineering Controls: No specific measures required if proper PPE precautions are followed.

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Personal Protective Equipment:

Respiratory Protection: None required if work area is properly ventilated.

Hand Protection: Protective chemical resistant gloves.

Eye Protection: Safety glasses with side shields.

Body Protection: Protective work clothing. Launder separately.

Contaminated Gear: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical properties listed where known.

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Appearance	Various colored liquid	Odor	Mild
Vapor Pressure	N/A	Odor threshold	N/A
Vapor Density	N/A	pH	N/A
Specific Gravity	1.44	Melting point	N/A
Freezing point	N/A	Solubility	N/A
Boiling range	100 - 3000°C	Flash point	210°F, 99°C
Evaporation rate	N/A	Flammability	N/A
Explosive Limit	N/A	Partition coefficient: n-octanol/water	N/A
Autoignition temperature	371°C	Decomposition temperature	N/A

Section 10 - STABILITY AND REACTIVITY

Incompatible Materials: Avoid contact with fluorine, strong acids, strong bases, and oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, traces of HCN.

Section 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity Component Toxicity

1897-45-6	Chlorothalonil
	Dermal LD50: 0 mg/L (Rat) Inhalation LC50: 0 mg/l (Rat)
119-61-9	Benzophenone
	Dermal LD50: 3,535 mg/kg (Rabbit)

Toxicity Values Listed if Known

Acute Toxicity

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: Consult physician.

Chronic Effects: Not expected to cause any adverse chronic health effects.

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Routes of Entry: Inhalation, ingestion, skin contact, eye contact

Target Organs: Respiratory track, eyes, skin

Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
119-61-9	Benzophenone	0.1 to 1.0%	Benzophenone: IARC: Possible human carcinogen OSHA: listed
1317-65-3	Limestone	10 to 20%	Limestone:
13463-67-7	Titanium dioxide	5 to 10%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
14808-60-7	Quartz	0.1 to 1.0%	Quartz: NIOSH: potential Occupational carcinogen IARC: Human carcinogen OSHA: listed
1897-45-6	Chlorothalonil	0.1 to 1.0%	Chlorothalonil: IARC: Possible human carcinogen OSHA: listed
64741-88-4	Distillates, petroleum, solvent-refined heavy paraffinic	0.1 to 1.0%	Distillates, petroleum, solvent-refined heavy paraffinic: EU REACH: Present (L)
64742-65-0	Distillates, petroleum, solvent-dewaxed heavy paraffinic	0.1 to 1.0%	Distillates, petroleum, solvent-dewaxed heavy paraffinic: EU REACH: Present (L)

Section 12 - ECOLOGICAL INFORMATION

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

1,2-Propylene glycol	96 Hr LC 50 Oncorhynchus mykiss: 51600 mg/L [static] 96 Hr LC 50 Oncorhynchus mykiss: 41 – 47 mL/L [static] 96 Hr LC 50 Pimephales promelas: 51400 mg/L [static] 96 Hr LC50 Pimephales promelas: 710 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L [Static] 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L
Chlorothalonil	96 Hr LC50 Oncorhynchus mykiss: 0.012 mg/L [semi-static] 96 Hr LC50 Oncorhynchus mykiss: 0.0076 mg/L [flow-through] 96 Hr LC50 Lepomis macrochirus: 0.0221 – 0.032 mg/L [flow-through]

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96 Hr LC50 *Lepomis macrochirus*: 0.045 – 0.057 mg/L [static]
48 Hr EC50 *Daphnia magna*: 0.0342 – 0.143 mg/L [Static]
72 Hr EC50 *Desmodesmus subspicatus*: 0.57 mg/L
72 Hr EC50 *Pseudokirchneriella subcapitata*: 0.0068 mg/L [static]

Ammonium hydroxide 96 Hr LC50 *Pimephales promelas*: 8.2 mg/L
48 Hr EC50 water flea: 0.66 mg/L;
48 Hr EC50 *Daphnia pulex*: 0.66 mg/L

Benzophenone 96 Hr LC 50 *Pimephales promelas*: 13.2 – 15.3 mg/L [flow-through]

Distillates, petroleum, 96 Hr LC50 *Oncorhynchus mykiss*: >5000 mg/L
solvent-dewaxed heavy paraffinic 48 Hr EC50 *Daphnia magna*: >1000 mg/L

Distillates, petroleum, 96 Hr LC50 *Oncorhynchus mykiss*: >5000 mg/L
solvent-refined heavy paraffinic 48 Hr EC50 *Daphnia magna*: >1000 mg/L

Section 13 - DISPOSAL CONSIDERATIONS

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

Empty Container Precautions: Empty containers retain product residue; observe all precautions for product. Do not heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal. Contact the Reusable Industrial Packaging Association (RIPA) at 301-577-3786 to find a drum re-conditioner in North America (www.reusablepackaging.org).

Section 14 - TRANSPORT INFORMATION

DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
IMDG	Environmentally hazardous substance, liquid, n. o. s. (contains Chlorothalonil)	3082	III	9

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Section 15 - REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA Section 311/312 Hazard Categories: Chronic health hazard.

California Proposition 65

(Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

WARNING: This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov

Quartz 14808-60-7 0.1 to 1.0 % CARC
Benzophenone 119-61-9 0.1 to 1.0 % CARC
Chlorothalonil 1897-45-6 0.1 to 1.0 % CARC
Titanium dioxide 13463-67-7 5 to 10 % CARC

Titanium dioxide and Quartz only require Proposition 65 notification when in dust form and particles of respirable size

Massachusetts Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %
Chlorothalonil 1897-45-6 0.1 to 1.0 %
Titanium dioxide 13463-67-7 5 to 10 %
Limestone 1317-65-3 10 to 20 %

New Jersey Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %
Chlorothalonil 1897-45-6 0.1 to 1.0 %
1,2-Propylene glycol 57-55-6 1 to 5 %
Titanium dioxide 13463-67-7 5 to 10 %
Limestone 1317-65-3 10 to 20 %

Pennsylvania Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %
Chlorothalonil 1897-45-6 0.1 to 1.0 %
1,2-Propylene glycol 57-55-6 1 to 5 %
Titanium dioxide 13463-67-7 5 to 10 %
Limestone 1317-65-3 10 to 20 %

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

Chlorothalonil 1897-45-6 0.1 to 1.0 % Emissions

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<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

Section 16 - OTHER INFORMATION

Summary of Changes

New SDS: July 22, 2020

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.