



Safety Data Sheet

Material Name: X-Tenda Coat XTRA Silicone Safety Yellow

Product #: 340708 - Pail

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

X-Tenda Coat XTRA Silicone Safety Yellow

Product Use

Silicone Coating

Restrictions on Use

For industrial use only.

Manufacturer Information

Versico

1285 Ritner Highway

Carlisle, PA 17013

USA

Phone: +1-800-992-7663

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

Section 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Skin corrosive – Category 2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive – Category 2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer – Category 1	Skin sensitizer
Carcinogen – Category 2	Limited evidence of human or animal carcinogenicity
Reproductive toxin – Category 2	Human or animal evidence possibly with other information
Organ toxin single exposure – Category 3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Aquatic toxicity – Category C3	Acute toxicity > 10.0 but ≤ 100.0 mg/l and lack of rapid degradability and $\log K_{ow} \geq 4$ unless $BCF < 500$ and unless chronic toxicity > 1 mg/l

GHS Hazards

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H412	Harmful to aquatic life with long lasting effects

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

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P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P312	Call a POISON CENTER or doctor/physician if you feel unwell
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
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P501	Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

Signal Word: Warning



Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Conditions Aggravated: Unknown

Chronic Effects: Possible harmful target organ effects.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
70131-67-8	Siloxanes and silicones, dimethyl, hydroxy-terminated	50.00% - 60.00%
37244-96-5	Nepheline syenite	10.00% - 20.00%

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63148-62-9	Poly(dimethylsiloxane)	5.00% - 10.00%
22984-54-9	2-Butanone, O,O',O''-(methylsilylydyne)trioxime	5.00% - 10.00%
556-67-2	Octamethylcyclotetrasiloxane	5.00% - 10.00%
13463-67-7	Titanium dioxide	5.00% - 10.00%
2412-29-0	Butanamide,2-[(4-methyl-2-	1.00% - 5.00%
112945-52-5	Silica, amorphous, fumed, crystalline-free	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.

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: >200°F, 93°C

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, oxides of silicon.

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.

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



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Small Spills: Absorb with earth, sand or other absorbent material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece) Clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use an absorbent material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Section 7 - HANDLING AND STORAGE

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

Storage Requirements: Store in dry, well ventilated area. Avoid contact with moisture. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

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

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Siloxanes and silicones, dimethyl, hydroxy-terminated	70131-67-8
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Nepheline syenite	37244-96-5
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Poly(dimethylsiloxane)	63148-62-9
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
2-Butanone, O,O',O''-(methylsilyldiyl)trioxime	22984-54-9
OSHA:	Not Established



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ACGIH:	Not Established
Other:	Not Established
Octamethylcyclotetrasiloxane	556-67-2
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
Butanamide,2-[(4-methyl-2-	2512-29-0
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established
Silica, amorphous, fumed, crystalline-free	112945-52-5
OSHA:	Not Established
ACGIH:	Not Established
Other:	Not Established

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below the TLV, especially if heating or spraying. Use only in a well-ventilated area to keep vapors below exposure limits. Use local exhaust ventilation if necessary.

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

Personal Protective Equipment:

Respiratory Protection: Do not inhale vapors. Use NIOSH approved respiratory protection if TLV/PEL is exceeded. Do not enter storage area unless adequately ventilated.

Hand Protection: Protective butyl rubber or nitrile rubber gloves.

Eye Protection: Chemical safety glasses.

Body Protection: Impervious protective work clothing. Launder separately.

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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.

Appearance	Yellow liquid	Odor	Mild
Vapor Pressure	N/A	Odor threshold	N/A
Vapor Density	N/A	pH	N/A
Specific Gravity	1.26	Melting point	N/A
Freezing point	N/A	Solubility	N/A
Boiling range	2500 - 3000°C	Flash point	>200°F, 93°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 moisture, strong acids, strong bases, oxidizing and reducing agents.

Hazardous Polymerization: Not expected to occur.

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

Section 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity LC50: 247 mg/L

Component Toxicity

556-67-2 Octamethylcyclotetrasiloxane

Oral LD50: 1,540 mg/kg (Rat) Dermal LD50: 759 mg/L (Rabbit) Inhalation LC50: 36 g/m3 (Rat)

Toxicity Values Listed if Known



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Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Chronic Effects: Possible harmful target organ effects.

Routes of Entry: Ingestion, inhalation, skin contact, eye contact

Target Organs: Eyes, skin, respiratory system, reproductive system.

Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
13463-67-7	Titanium dioxide	5 to 10%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

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

Octamethylcyclotetrasiloxane	96 Hr LC50 Brachydanio rerio: >500 mg/L; 96 Hr LC50 Lepomis macrochirus: >1000 mg/L
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Section 13 - DISPOSAL CONSIDERATIONS

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

Empty Container Precautions: Recondition or dispose of empty container in accordance with governmental regulations. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal.

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:



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<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

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: Acute health hazard, 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

Titanium dioxide 13463-67-7 5 to 10 % CARC

Massachusetts Right To Know List:

Titanium dioxide 13463-67-7 5 to 10 %

New Jersey Right To Know List:

Titanium dioxide 13463-67-7 5 to 10 %

Pennsylvania Right To Know List:

Titanium dioxide 13463-67-7 5 to 10 %

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

- None

<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



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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.