



Safety Data Sheet

275 VOC PREMIUM CV DEEP TINTBASE, SATIN



1. Identification

Product identifier	275 VOC PREMIUM CV DEEP TINTBASE, SATIN
Product code	CV275TB-0030
Other means of identification	None.
Recommended use of the chemical and restrictions on use	A protective and/or decorative finish or accompanying product. Not recommended for any other use not detailed on product data sheet or label.
Manufacturer	GEMINI INDUSTRIES, INC. 2300 Holloway Drive El Reno, OK 73036 USA Tel. 1-800-262-5710 Fax 1-405-262-9310 http://www.gemini-coatings.com/
Emergency phone number	24-hour Emergency (spill, leak, exposure or accident) INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500 (French & English) HAZMAT Response and SDS Help: EMI 800-510-8510

2. Hazard identification

Summary	Highly flammable liquid and vapour. Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Do not breathe vapours, mists or aerosols. Do not ingest. If ingested consult physician immediately and show this Safety Data Sheet. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. P.S.: The SIMDUT 2015/GHS hazards classification in this SDS is provided by the manufacturer using a Worst-Case Scenario.
----------------	---

WHMIS 2015/GHS/OSHA HCS 2012



- Flammable liquids (Category 2)
- Skin corrosion/irritation (Category 2)
- Serious eye damage/eye irritation (Category 1)
- Skin sensitizer (Category 1)
- Carcinogenicity (Category 2)
- Reproductive toxicity (Category 1)
- Specific target organ toxicity, single exposure (Category 3)

DANGER

- H225: Highly flammable liquid and vapour
- H318: Causes serious eye damage
- H360: May damage fertility or the unborn child
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H335: May cause respiratory irritation
- H336: May cause drowsiness or dizziness
- H351: Suspected of causing cancer

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, sparks, open flames and other ignition sources. No smoking.
P240: Ground or bond container and receiving equipment.
P241: Use explosion-proof electrical equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing vapours and spray.
P264: Wash skin 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.
P280: Wear protective gloves, protective clothing and eye protection.
P308+P313: IF exposed or concerned: Get medical attention.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P363: Wash contaminated clothing before reuse.
P333+P313: If skin irritation or a rash occurs: Get medical advice or attention.
P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310: Immediately call a physician.
P370+P378: In case of fire: Use the National Fire Protection Association Class B extinguisher to extinguish.
P403+P235+P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.
P501: Dispose of contents and container to a licensed chemical disposal agency in accordance with local, regional and national regulations.

Other hazards which do not result in classification

Skin corrosion/irritation (Category 3).

3. Composition/information on ingredients

Common name	CAS	Weight % content
1-Chloro-4-(trifluoromethyl)benzene	98-56-6	15 - 40 %
Urea, polymer with formaldehyde, butylated	68002-19-7	10 - 30 %
n-Butyl alcohol	71-36-3	7 - 13 %
Titanium dioxide	13463-67-7	3 - 7 %
n-Propyl acetate	109-60-4	1 - 5 %
Synthetic amorphous fumed silica	112945-52-5	1 - 5 %

Note: The manufacturer withholds the actual concentration range of the ingredients as a trade secret.

4. First-aid measures

Inhalation	Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention.
Eye contact	IMMEDIATELY! Flush with water for at least 15 minutes. Remove contact lenses if easy to do. Hold eyelids apart to rinse properly. Seek medical attention immediately.
Ingestion	

	DO NOT induce vomiting, unless recommended by medical personnel. Never give anything by mouth if victim is unconscious or convulsing. If victim is conscious wash out mouth with water and give 1-2 glasses of water to drink. Seek medical attention or contact a Poison Centre immediately.
Other	No information available.
Symptoms	May cause severe eye irritation or eye damage. May cause redness and irritation of the skin. May cause an allergic reaction of the skin. May cause irritation of respiratory tract. May cause headache, drowsiness or dizziness.
Notes to the physician	Treat symptomatically. If gastric lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-fighting measures

Suitable extinguishing media	Dry chemicals, alcohol resistant foam, carbon dioxide (CO ₂). Do not use a heavy water jet.
Specific hazards arising from the chemical	Highly flammable liquid and vapour. Vapours are heavier than air and may travel to an ignition source distant from the material handling point. May be ignited by heat, sparks, flame or static electricity. Do not apply to hot surfaces.
Special protective equipment	Firefighters must wear self contained breathing apparatus with full face mask. Firefighting suit may not be efficient against chemicals.
Special protective actions for fire-fighters	Use water spray to cool fire-exposed containers. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Do not touch spilled material. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
Environmental precautions	Prevent entry into sewers, closed areas and release to the environment. For a large spill, consult the Department of Environment or the relevant authorities.
Methods and materials for containment and cleaning up	Remove sources of ignition. Ventilate the area well. Absorb with inert material (soil, sand, vermiculite) and place in an appropriate waste disposal clearly identified. Use non-sparking and antistatic tools. Dispose via a licensed waste disposal contractor. Finish cleaning the contaminated surface by rinsing with soapy water.

7. Handling and storage

Precautions for safe handling	Keep away from heat, sparks and open flame. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Use non-sparking and antistatic tools. Use only in well ventilated area. Do not breathe vapors. Avoid contact with skin, eyes and clothing. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. Keep containers tightly closed when not in use. Do not eat, do not drink and do not smoke during use. After use, wash hands with soap and water. Wash contaminated clothing before reuse.
Conditions for safe storage, including any	Storage and handling should follow the NFPA 30 Flammable and/or Combustible Liquids Code and the National Fire Code of Canada (NFCC). Store tightly closed and in properly labelled container in a

incompatibilities	dry, cool and well ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from oxidizing materials and incompatible materials (see section 10). Keep away from direct sunlight and heat.
Storage temperature	5 to 30°C (41 to 86°F)

8. Exposure controls/personal protection

Immediately Dangerous to Life or Health	N-Butyl Alcohol: 1400 ppm. Titanium dioxide: 5000 mg/m ³ . n-Propyl acetate: 1700 ppm. Synthetic amorphous fumed silica: 3000 mg/m ³ .			
1-Chloro-4-(trifluoromethyl)benzene	TWA (8h)	20 ppm		Other
n-Butyl alcohol	Ceiling	30 ppm		BC
		50 ppm	152 mg/m ³	RSST
	TWA (8h)	15 ppm		BC
		20 ppm		ACGIH , ON
Titanium dioxide	TWA (8h)	Total Dust	10 mg/m ³	ACGIH , BC, ON, RSST
Synthetic amorphous fumed silica	TWA (8h)	Respirable Dust	1.5 mg/m ³	BC
		Respirable Dust	3 mg/m ³	ACGIH , ON
		Total Dust	4 mg/m ³	BC
		Respirable Dust	6 mg/m ³	RSST
		Total Dust	10 mg/m ³	ACGIH , ON
n-Propyl acetate	STEL	250 ppm		ACGIH , BC, ON
		250 ppm	1040 mg/m ³	RSST
	TWA (8h)	200 ppm		ACGIH , BC, ON
		200 ppm	835 mg/m ³	RSST
Appropriate engineering controls	Provide sufficient mechanical ventilation (general or local exhaust) to keep the airborne concentrations of vapours, mists, aerosols or dust below their respective occupational exposure limits.			
Individual protection measures				
Eye	In the workplace, wear safety glasses with side shields. If risk of contact with eyes or/and the face wear chemical splash goggles and/or a face shield.			
Hands	Wear nitrile or neoprene gloves. Before using, user should confirm impermeability. Discard gloves with tears, pinholes, or signs of wear. Gloves must only be worn on clean hands.			
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code. If necessary, wear an apron or long-sleeve protective coverall suit.			
Respiratory	Respiratory protection is not required for normal use. Where the conditions in the workplace require a respirator, it is necessary to follow a respiratory protection program. Moreover, respiratory protection equipment (RPE) must be selected, fitted, maintained and inspected in accordance with regulations and standard 29 CFR 1910.134 (OSHA), ANSI Z88.2 or CSA Z 94.11 (Canada) and approved by NIOSH/MSHA. In case of insufficient ventilation or in confined or enclosed space and for an assigned protection factor (APF) up to 10 times the exposure limit, wear a half mask respirator with organic vapour cartridges fitted with P100 filters. For an APF until maximum 100 times of exposure limit, wear a full face respirator mask with organic vapour cartridges and P100 filters.			
Feet	Wear rubber boots to clean up a spill.			

9. Physical and chemical properties

Physical state	Liquid	Flammability	Flammable
Colour	Coloured	Flammability limits	N/Av.
Odour	Solvent	Flash point	13°C (55.4°F)
Odour threshold	N/Av.	Auto-ignition temperature	343°C (649.4°F)
pH	N/Av.	Sensibility to electrostatic charges	Yes
Melting point	N/Av.	Sensibility to sparks and/or friction	No
Freezing point	N/Av.	Vapour density	>1 (Air = 1)
Boiling point	101 to 3000°C (213.8 to 5432°F)	Relative density	1.1683 kg/L (Water = 1)
Solubility	Partially soluble in water.	Partition coefficient n-octanol/water	N/Av.
Evaporation rate	< Acetate de butyle	Decomposition temperature	N/Av.
Vapour pressure	N/Av.	Viscosity	N/Av.
Percent Wt. Volatile	47.0570%	Molecular mass	N/Av.
VOC (g/L)	179.7260 g/L	% Volume Volatile (VOC)	21.7328%
VOC (lb/gal)	1.4998 lb/gal	% Wt. Volatile (VOC)	15.4168%
N/Av.: Not Available N/Av.: Not Applicable Und.: Undetermined N/E: Not Established			

10. Stability and reactivity

Reactivity	No reactivity expected.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions (including polymerizations)	A dangerous reaction will not occur.
Conditions to avoid	Avoid heat, flame and sparks. Avoid static discharges. Avoid contact with incompatible materials.
Incompatible materials	Strong oxidizing agents (e.g. chlorine, fluorine, nitric acid, perchloric acid, peroxides, nitrates, chlorates, chromates, permanganates and perchlorates), strong acids (e.g. hydrochloric acid, sulfuric acid, phosphoric acid), strong bases (e.g. hydroxides, solutions of ammonia, amines, carbonates).
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information


Numerical measures of toxicity	<table border="1"> <tr> <td>Mixture</td> <td>Ingestion 4998 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation 104 mg/l</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td>1-Chloro-4-(trifluoromethyl)benzene</td> <td>Ingestion 5546 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation 22 mg/l/4h</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td></td> <td>20 mg/l/4h</td> <td>Mouse</td> <td>LC50</td> </tr> <tr> <td></td> <td>Skin >3300 mg/kg</td> <td>Rabbit</td> <td>LD50</td> </tr> <tr> <td>n-Butyl alcohol</td> <td>Ingestion 790 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation 24.2 mg/l/4h</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td></td> <td>Skin 3400 mg/kg</td> <td>Rabbit</td> <td>LD50</td> </tr> <tr> <td>Titanium dioxide</td> <td>Ingestion >10000 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation >6.82 mg/l/4h</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td></td> <td>Skin >10000 mg/kg</td> <td>Rabbit</td> <td>LD50</td> </tr> <tr> <td>n-Propyl acetate</td> <td>Ingestion 8700 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation >16.7 mg/l/4h</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td></td> <td>Skin >17800 mg/kg</td> <td>Rabbit</td> <td>LD50</td> </tr> <tr> <td>Synthetic amorphous fumed silica</td> <td>Ingestion >5000 mg/kg</td> <td>Rat</td> <td>LD50</td> </tr> <tr> <td></td> <td>Inhalation >2.08 mg/l/4h</td> <td>Rat</td> <td>LC50</td> </tr> <tr> <td></td> <td>Skin >5000 mg/kg</td> <td>Rabbit</td> <td>LD50</td> </tr> </table>	Mixture	Ingestion 4998 mg/kg	Rat	LD50		Inhalation 104 mg/l	Rat	LC50	1-Chloro-4-(trifluoromethyl)benzene	Ingestion 5546 mg/kg	Rat	LD50		Inhalation 22 mg/l/4h	Rat	LC50		20 mg/l/4h	Mouse	LC50		Skin >3300 mg/kg	Rabbit	LD50	n-Butyl alcohol	Ingestion 790 mg/kg	Rat	LD50		Inhalation 24.2 mg/l/4h	Rat	LC50		Skin 3400 mg/kg	Rabbit	LD50	Titanium dioxide	Ingestion >10000 mg/kg	Rat	LD50		Inhalation >6.82 mg/l/4h	Rat	LC50		Skin >10000 mg/kg	Rabbit	LD50	n-Propyl acetate	Ingestion 8700 mg/kg	Rat	LD50		Inhalation >16.7 mg/l/4h	Rat	LC50		Skin >17800 mg/kg	Rabbit	LD50	Synthetic amorphous fumed silica	Ingestion >5000 mg/kg	Rat	LD50		Inhalation >2.08 mg/l/4h	Rat	LC50		Skin >5000 mg/kg	Rabbit	LD50
Mixture	Ingestion 4998 mg/kg	Rat	LD50																																																																						
	Inhalation 104 mg/l	Rat	LC50																																																																						
1-Chloro-4-(trifluoromethyl)benzene	Ingestion 5546 mg/kg	Rat	LD50																																																																						
	Inhalation 22 mg/l/4h	Rat	LC50																																																																						
	20 mg/l/4h	Mouse	LC50																																																																						
	Skin >3300 mg/kg	Rabbit	LD50																																																																						
n-Butyl alcohol	Ingestion 790 mg/kg	Rat	LD50																																																																						
	Inhalation 24.2 mg/l/4h	Rat	LC50																																																																						
	Skin 3400 mg/kg	Rabbit	LD50																																																																						
Titanium dioxide	Ingestion >10000 mg/kg	Rat	LD50																																																																						
	Inhalation >6.82 mg/l/4h	Rat	LC50																																																																						
	Skin >10000 mg/kg	Rabbit	LD50																																																																						
n-Propyl acetate	Ingestion 8700 mg/kg	Rat	LD50																																																																						
	Inhalation >16.7 mg/l/4h	Rat	LC50																																																																						
	Skin >17800 mg/kg	Rabbit	LD50																																																																						
Synthetic amorphous fumed silica	Ingestion >5000 mg/kg	Rat	LD50																																																																						
	Inhalation >2.08 mg/l/4h	Rat	LC50																																																																						
	Skin >5000 mg/kg	Rabbit	LD50																																																																						
Likely routes of exposure	<p>Skin, eyes, inhalation, ingestion.</p>																																																																								
Delayed, immediate and chronic effects	<p>Eye contact May cause severe eye irritation or eye damage. Eye Irritation/Corrosion, Rabbit (OECD TG 405): tests performed with each ingredient (>1%) of this mixture gave not irritating to corrosive results.</p> <p>Skin contact May cause redness, dryness, rash and skin irritation. Prolonged and repeated contact may cause dry skin, irritation or dermatitis. Skin Irritation/Corrosion, Rabbit (OECD 404) : tests performed with each ingredient (>1%) of this mixture gave not irritating to irritating results.</p> <p>Inhalation May cause respiratory tract irritation. Inhalation of vapours may cause central nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and fatigue. The severity of symptoms may vary depending on exposure conditions. Prolonged exposure may cause damage to damage to liver, kidneys, hearing organs, blood forming organs and central nervous system. Many reports with painters have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.</p> <p>Ingestion Ingestion can cause abdominal pain, nausea, cramps, headache, dizziness, diarrhea and vomiting.</p> <p>Respiratory or skin sensitization May cause an allergic reaction of the skin. 1-Chloro-4-(trifluoromethyl)benzene (CAS no 98-56-6) is a skin sensitizer (mouse, OECD TG 429).</p> <p>IARC/NTP Classification</p> <table border="1"> <thead> <tr> <th>Common name</th> <th>IARC</th> <th>NTP</th> </tr> </thead> <tbody> <tr> <td>1-Chloro-4-(trifluoromethyl)benzene</td> <td>2B</td> <td>-</td> </tr> <tr> <td>Titanium dioxide</td> <td>2B</td> <td>-</td> </tr> <tr> <td>n-Propyl acetate</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p><small>IARC : 1- Carcinogenic; 2A- Probably carcinogenic; 2B- Possibly carcinogenic. NTP : K- Known to be carcinogens; R- Reasonably anticipated to be carcinogens.</small></p> <p>Carcinogenicity Contains material which can cause cancer. Titanium dioxide in dust form can cause cancer (through inhalation) based on animal data. Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint and caulk. In its 2020 monograph (Volume 125), the International Agency for Research on Cancer (IARC) states that there is sufficient evidence in experimental animals for the carcinogenicity of 1-chloro-4-(trifluoromethyl)benzene (CAS no 98-56-6). The risk of cancer depends on duration and level of exposure.</p> <p>Mutagenicity</p>	Common name	IARC	NTP	1-Chloro-4-(trifluoromethyl)benzene	2B	-	Titanium dioxide	2B	-	n-Propyl acetate	-	-																																																												
Common name	IARC	NTP																																																																							
1-Chloro-4-(trifluoromethyl)benzene	2B	-																																																																							
Titanium dioxide	2B	-																																																																							
n-Propyl acetate	-	-																																																																							

	<p>Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effects.</p> <p>Reproductive toxicity Major malformations have been reported in infants born of women who had been working with solvent-based paints (oil-based paints) during pregnancy. Therefore, long-term exposure to solvent-based paints that may occur in occupational life can affect a developing baby (American Journal of Industrial Medicine, 1980).</p> <p>Specific target organ toxicity - single exposure Central nervous system.</p> <p>Specific target organ toxicity - repeated exposure No target organ is listed.</p>
Interactive effects	No information available for this product.
Other information	No information available for this product.


12. Ecological information

Ecological toxicity	Fish - Danio rerio	LC50 3 mg/L; 96 h (CAS no 98-56-6) OECD 203
	Aquatic Invertebrate - Daphnia magna	EC50 3.68 mg/L; 48 h (CAS no 98-56-6)
	Fish - Pimephales promelas [static]	LC50 1376 mg/L; 96 h (CAS no 71-36-3)
	Aquatic Invertebrate - Daphnia magna	EC50 1983 mg/L; 48 h (CAS no 71-36-3)
	Fish - Pimephales promelas - Fresh water	LC50 >500 mg/L; 96 h (CAS no 13463-67-7)
	Aquatic Invertebrates - Daphnia pulex	EC50 >100 mg/L; 48 h (CAS no 13463-67-7)
	Fish - Fathead minnow, Pimephales promelas - fresh water	LC50 60 mg/L; 96 h (CAS no 109-60-4) OECD TG 203
	Aquatic Invertebrate - Daphnia Magna Straus - eau douce	EC50 91.5 mg/L; 48 h (CAS no 109-60-4) OECD TG 202
	Aquatic Invertebrate - Daphnia magna	EC50 >10000 mg/L; 24 h (CAS no 112945-52-5)
Persistence	The product contains components that may persist in the environment.	
Degradability	The product is a mixture of which some ingredients are readily biodegradable (> 60% in 28 days) while other ingredients are not readily biodegradable (<60% in 28 days).	
Bioaccumulative potential	The product is a mixture of which some ingredients have a low bioaccumulation potential (Log Kow of <3 and / or BCF <500) while other ingredients have some potential to bioaccumulate (Log Kow of >3 and / or BCF >500).	
Mobility in soil	The product is a mixture of which some ingredients evaporate very easily from the surface of the soil. Moreover, some ingredients have very high mobility in soil, while other ingredients have moderate to low mobility in soil.	
Other adverse effects	This chemical does not deplete the ozone layer.	

13. Disposal considerations

<p>Container</p> 	<p>Important! Prevent waste generation. Use in full. DO NOT dispose residue in sewers, streams or drinking water supply. Paint residues, including lacquers, dyes, shellacs, varnishes, paint solvents and thinners, can be reprocessed where there is a recovery program. Residues and empty containers must be considered as hazardous waste. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.</p>
--	--

14. Transport information

UN Number	UN 1263
UN Proper Shipping Name	PAINT
Environmental hazards	This material does not contain marine pollutant.
Special precautions for user	Permit required for transportation with proper DANGER placards displayed on vehicle.
TDG - Transportation of Dangerous Goods (Canada & US DOT)	
Transport hazard class(es)	 Class 3
Packing group	II
IMO/IMDG - International Maritime Transport	
Classification	UN 1263. PAINT. Class 3, PG II. Emergency schedules (EmS-No) F-E, S-E
IATA - International Air Transport Association	
Classification	UN 1263. PAINT. Class 3, PG II.
<p>These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.</p>	

15. Regulatory information

CANADA

Common name	CAS	CEPA	DSL	NDSL	NPRI
1-Chloro-4-(trifluoromethyl)benzene	98-56-6		X		
Urea, polymer with formaldehyde, butylated	68002-19-7		X		
n-Butyl alcohol	71-36-3	X	X		X
Titanium dioxide	13463-67-7	X	X		
n-Propyl acetate	109-60-4	X	X		X
Synthetic amorphous fumed silica	112945-52-5		X		

- CEPA: List of Toxic Substances Managed Under Canadian Environmental Protection Act
- DSL: Domestic Substances List Inventory
- NDSL: Non-Domestic Substances List Inventory
- NPRI: National Pollutant Release Inventory Substances

UNITED STATE OF AMERICA

Common name	CAS	TSCA	CER CLA	EPCRA 313	EPCRA 302/304	CAA 112(b) HON	CAA 112(b) HAP	CAA 112(r)	CWA 311	CWA Prio.
1-Chloro-4-(trifluoromethyl)benzene	98-56-6	X								
Urea, polymer with formaldehyde, butylated	68002-19-7	X								
n-Butyl alcohol	71-36-3	X	X	X					X	
Titanium dioxide	13463-67-7	X								
n-Propyl acetate	109-60-4	X								
Synthetic amorphous fumed silica	112945-52-5	X								

- TSCA: Toxic Substance Control Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act list of hazardous substances
- EPCRA 313: Emergency Planning and Community Right-to-Know Act, Section 313 Toxic Chemicals
- EPCRA 302/304: Emergency Planning and Community Right-to-Know Act, Section 302/304 Extremely Hazardous Substances
- CAA 112(b) HON: Clean Air Act - Hazardous Organic National Emission Standard for Hazardous Air Pollutant
- CAA 112(b) HAP: Clean Air Act - Hazardous Air Pollutants lists pollutants
- CAA 112(r): Clean Air Act - Regulated Chemicals for Accidental Release Prevention
- CWA 311: Clean Water Act - List of Hazardous Substances
- CWA Priority: Clean Water Act - Priority Pollutant list

California Proposition 65


Common name	CAS	Cancer	Reproductive and Developmental Toxicity
1-Chloro-4-(trifluoromethyl)benzene	98-56-6	X	
Titanium dioxide	13463-67-7	X	

Other regulations

HMIS

3	Health
3	Flamability
1	Reactivity
X	Protective Equipment

NFPA



16. Other information

Date (YYYY-MM-DD)	GEMINI INDUSTRIES, INC. 2023-03-15
Version	01

Other information

- The GHS hazards classification in this SDS is from the original SDS provided by the manufacturer.

REFERENCES:

- Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, <https://haz-map.com/>
- Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST), <https://www.cnesst.gouv.qc.ca/fr>
- NIOSH Pocket Guide to Chemical Hazards, Centers for Disease Control and Prevention, NIOSH Publications, 2007, <http://www.cdc.gov/niosh/npg/npg.html>
- The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, <https://pubchem.ncbi.nlm.nih.gov>
- IPCS INCHEM, Chemical Safety Information from Intergovernmental Organizations, Canadian Centre for Occupational Health and Safety (CCOHS), Copyright International Programme on Chemical Safety (IPCS), <http://www.inchem.org>
- OECD Existing Chemicals Database, Chemicals Screening Information DataSet (SIDS) for High Volume Chemicals, UNEP publications, <http://webnet.oecd.org/HPV/UI/Search.aspx>

- The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, <https://pubchem.ncbi.nlm.nih.gov>

ACGIH: American Conference of Governmental Industrial Hygienists
AIHA: American Industrial Hygiene Association
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
OSHA: Occupational Safety and Health Administration (USA)
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
RSST: Règlement sur la santé et la sécurité du travail (Québec)
GHS: Globally Harmonized System
IARC: International Agency for Research on Cancer
IDLH: Immediately Dangerous to Life or Health
STEL: Short Term Exposure Limit (15 min)
TWA: Time Weighted Averages
WHMIS: Workplace Hazardous Materials Information System

To the best of our knowledge, the information contained herein is accurate. However, neither Preventis System, nor the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or 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 hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.