

SAFETY DATA SHEET

Section 1 – Product And Company Identification

PRODUCT

PRODUCT NAME: 3131 SB COLORCRETE
PRODUCT DESCRIPTION: Preparation/Mixture
PRODUCT USE: Imparts an even colour and water repellency to exposed concrete walls and foundations, concrete patios, decks, sidewalks and interlocking pavers.

MANUFACTURER INFORMATION

INNOVATIVE MANUFACTURING INC
 861 DERWENT WAY
 DELTA, BC, CANADA, V3M 5R4
 (604) 522-2811

EMERGENCY INFORMATION

INNOVATIVE MANUFACTURING CONTACT: 1-800-667-8246
24-HOUR EMERGENCY AND SDS HELP: CANUTEC: 613-966-6666

Section 2 – Hazards Identification

Classification of the chemical

This material is classified as hazardous under U.S OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Product Regulations) (WHMIS)

Flammable Liquid	Category 2
Acute dermal toxicant	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Skin corrosive/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
Carcinogenicity - Inhalation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Acute aquatic toxicity	Category 3

Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard Statement:

H225 Highly flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure
 H402 Harmful to aquatic life.

Precautionary Statements:

Prevention

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/hot surfaces. No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.

Response	<p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P314 Get medical advice/attention if you feel unwell.</p> <p>P331 Do NOT induce vomiting.</p> <p>P332 + P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P337 + P313 If eye irritation persists: Get medical advice/attention.</p> <p>P370+P378 In case of fire: Use dry chemical powder, water fog, CO2, foam or sand/earth for extinction.</p>
Storage	<p>P403 + P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>
Disposal	<p>P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.</p>

Supplemental label elements: Avoid contact with skin and clothing. Wash thoroughly after handling.

Hazards not otherwise classified: Prolonged or repeated contact may dry skin and cause irritation.

Other hazards 0 % of mixture consists of ingredients of unknown acute toxicity

Section 3 – Composition/Information on Ingredients

COMPONENTS	CAS No.	% BY WEIGHT
Tert-Butyl Acetate	540-88-5	50-54
Acrylic Resins	Not Established	21-24
Xylenes, mixed isomers	1330-20-7	7-9
Titanium Dioxide	13463-67-7	6-9
3-Ethoxypropionic acid ethyl ester	763-69-9	3-5
Synthetic Amorphous, Pyrogenic Silica	112945-52-5	1-3

Section 4 – First Aid Measures

Description of First Aid Measures

General Advice	First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that gas or vapor is still present, the rescuer should wear an appropriate masks or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before use.
Skin Contact	Remove contaminated and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before use.
Eye Contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Ingestion	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
------------------	---

Most important symptoms and effects, both acute and delayed**Potential acute health effects**

Eye contact	Cause eye irritation. Causes serious eye irritation.
Inhalation	Harmful if inhaled. May cause respiratory irritation.
Skin contact	Cause skin irritation. Defatting to the skin.
Ingestion	May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact	Adverse symptoms may include the following: pain or irritation, watering, redness.
Inhalation	Adverse symptoms may include the following: respiratory tract irritation, coughing.
Skin contact	Adverse symptoms may include the following: irritation, redness, dryness, cracking.
Ingestion	Adverse symptoms may include the following: nausea or vomiting.

Indication of any immediate medical attention and special treatment needed, if necessary

Notes to physician	If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.
Specific treatments	Treat symptomatically and supportively.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that gas or vapor is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth

See toxicological information (Section 11)**Section 5 – Fire Fighting Measures****Extinguishing Media**

Suitable extinguishing media	Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Fire Hazard	Highly flammable liquid and vapor.
Explosion hazard	May form flammable/explosive vapour-air mixture
Flammability classification (OSHA 29 CFR 1910.106)	Flammability Liquid - Category 2
Hazardous thermal decomposition products	Carbon dioxide, carbon monoxide. Soot. Toxic fumes.

Special protective equipment and precautions for fire-fighters

Protective equipment for fire-fighters	Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. A full-body chemical resistant suit should be
Special fire-fighting procedures.	Evacuate personnel to safe areas. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Dike for water control. Avoid release to the environment.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials. See also the information in "For non-emergency

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). For large spills, dike the area to prevent spreading, if released in large quantities. Collect spillage.

Methods and materials for containment and cleaning up

Small spill	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7 – Handling and Storage

Precautions for safe handling

Additional hazards when processed	Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No bare lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors in a well-ventilated area. Avoid breathing vapors, mist. Obtain special instructions before use. Do not handle until all safety precautions have been read.
Hygiene measures	Always wash hands after handling the product. Wash hands, forearms and face thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Technical measures	Explosion-proof apparatus have to be used. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. All efforts should be made to prevent any leaks or spills. Storage tanks should be engineered to prevent contact with water resources, as this material could contaminate the water resources. Surface spills can reach groundwater through porous soil or cracked surfaces. The storage tanks should be monitored regularly for leaks. Where spills or leaks are possible, a comprehensive response plan should be developed and
Storage conditions	Keep container tightly closed in a cool, well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep only in the original container in a cool, well ventilated place away from: Direct sunlight, flames, sparks, heat sources.

Incompatible materials:

Strong oxidizing agents. Strong reducing agents. Strong bases. Strong acids.

Section 8 – Exposure Controls / Personal Protection

Control Parameters

Components	ACGIH TLV	OSHA PEL	NIOSH
			REL
Xylene, mixed isomers 1330-20-7	TWA: 100 ppm STEL: 150 ppm	100 ppm 435 mg/m ³	TWA: 350 mg/m ³ CELL: 1800 mg/m ³

Tert Butyl Acetate 540-88-5	200 ppm	200 ppm 950 mg/m ³	1500 ppm
Synthetic Amorphous, Pyrogenic Silica 112945-52-5	-	15 mg/m ³ , Total dust 5 mg/m ³ , Respirable	-
Titanium Dioxide 13463-67-7	10 mg/m ³ , TWA	15 mg/m ³ , Total dust 10 mg/m ³ , Respirable	-

Exposure Controls**Appropriate engineering controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, vapor controls, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure the eyewash stations and safety showers are close to the workstation location. Safety glasses equipped with side shield are recommended as minimum protection in industrial setting. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If inhalation hazards exist, a full-face respirator may be required instead.

Eye/face protection**Skin/hand protection**

Avoid skin contact with liquid. Chemical-resistant gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Recommended: Heavy duty, industrial grade chemically resistant gloves constructed of nitrile, neoprene, polyethylene, fluoroelastomer rubber or polyvinyl chloride as approved by glove manufacturer. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Leather gloves are not protective for liquid contact.

Body protection

Avoid skin contact with liquid. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Avoid skin contact with liquid. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Leather boots are not protective for liquid

Respiratory protection

Avoid inhalation of gases, vapors, mists or dusts. Use a properly fitted, air-purifying or supplied-air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If an air purifying respirator is appropriated, use one equipped with cartridges rated for organic vapors.

Section 9 – Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR	Liquid in different colors
PHYSICAL STATE	Liquid
ODOR	Camphor-like odor
ODOR THRESHOLD	-
PH	No data available
MELTING POINT/FREEZING POINT	-58°C(-72.7°F)
INITIAL BOILING POINT AND BOILING RANGE	97.8°C(208.4°F)
FLASH POINT	4°C (39°F) Closed Cup ASTM D-93
EVAPORATION RATE	2.8 (n-butyl acetate = 1)
FLAMMABILITY (solid, gas)	Flammable
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Lower: 1.3%, Upper: 6.9%.
VAPOR PRESSURE	42mmHg @ 68°F(20°C)
VAPOR DENSITY (AIR=1)	No data available
RELATIVE DENSITY (@25°C)	0.96-1.000
SOLUBILITY(IES)	Insoluble in water
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	432°C(809.6°F)
DECOMPOSITION TEMPERATURE	No data available

VISCOSITY	No data available
VOC CONTENT	349 g/L

Section 10 – Stability and Reactivity

Reactivity:	Not expected to be explosive, self-reactive, self-heating, or an organic peroxide under US GHS definition(s).
Chemical Stability:	This product is stable.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid:	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas. Do not store with strong oxidizing agents.
Incompatibility (Materials to Avoid):	Reactive or incompatible with the following materials: oxidizing materials, acids, alkalis, nitrates.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition product should not be produced.

Section 11 – Toxicological Information

Information on likely routes of exposure:

Route of entry inhalation	YES
Route of entry skin & eye	YES
Route of entry ingestion	YES
Route of exposure skin absorption	NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms inhalation:	May cause respiratory tract irritation. Symptoms may include coughing, choking and wheezing.
Sign and symptoms ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed can enter lungs and cause damage. Aspiration may cause pulmonary edema and pneumonitis.
Sign and symptoms skin	May cause mild skin irritation on prolonged contact.
Sign and symptoms eyes	Direct eye contact may cause slight redness.

Potential Chronic Health Effects:

Prolonged exposure can cause redness, swelling, itching, cracking of the skin, dermatitis and sensitization.

Medical conditions aggravated by overexposure:	Pre-existing skin, eye and respiratory disorders.
---	---

Synergistic materials:	No information available.
-------------------------------	---------------------------

Toxicological data:	See below for toxicological data on the substance.
----------------------------	--

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comment:	Chemical Constituent	
Acute Toxicity	LD50 (Oral/Rat)	3500 mg/kg		1330-20-7 Xylene, mixed isomers	
	LC50 (Inhalation/Rat male)	6.7 g/l 4 hours			
	LD50 (Dermal/Rabbit)	4200 mg/kg		540-88-5 Tert Butyl Acetate	
	LD50 (Oral/Rat)	>4500 mg/kg			
	LC50 (Inhalation/Rat male)	2230 mg/m ³ , 4 hours		763-69-9 3-Ethoxypropionic acid ethyl ester	
	LD50 (Dermal/Rabbit)	>2000 mg/kg			
		LD50 (Oral/Rat)	5000 mg/kg		
		LC50 (Inhalation/Rat male)	998 ppm/, 6 hours		
	LD50 (Dermal/Rabbit)	4080mg/kg			
Skin Corrosion/Irritation	Cause skin irritation				
Serious Eye Damage / Eye Irritation	Cause eye irritation				
Respiratory or Skin Sensitization	Not expected to be a skin or respiratory sensitizer				
Germ Cell Mutagenicity	Not expected to be germ cell mutagen.				

Carcinogenicity	ACGH	-	Ingredients in xylene mixture
	IARC	2B	
	NTP	-	
	OSHA	-	
Reproductive Toxicity	Not Classified		
STOT - Single Exposure	May cause respiratory irritation. Causes damage to organs (lung) (inhalation, oral)		Cat 3
STOT - Repeated Exposure	Causes damage to organs(nervous system). May cause damage to organs(kidneys, hearing organ(loss of hearing).		Cat 2
Aspiration Hazard	May be fatal if swallowed and enters airways.		Cat 1
Ames Test	No information is available		

Other important toxicological hazards:

See Section 2 for additional information.

Section 12 – Ecological Information**ECOTOXICITY**

Expected to be toxic to aquatic organisms, not expected to demonstrate chronic toxicity to aquatic organisms.

ECOTOXICITY DATA

Ecotoxicity	Chemical Name	
	Xylene/Ethylbenzene	
Toxicity to algae	EC50 / 72 h	4.36mg/L/72 hours (Green algae)
	NOEC / 96 h or 72 h	0.44 mg/L (Green algae)
	M factor	-
Toxicity to fish	LC50 / 96h	2.6 mg/L (Bluegill sunfish)
	NOEC / 56 days	1.3 mg/L
	M factor	-
Toxicity to Daphnia	EC 50 / 24 h	1.0 mg/L (Water flea)
	NOEC / 21 days	1.57 mg/L (Water flea)
	M factor	-
	Tert Butyl Acetate	
Toxicity to algae	EC50 / 96 h or 72 h	16 mg/L/72 hours (Green algae)
	NOEC / 96 h or 72 h	2.3mg/L (Green algae)
	M factor	-
Toxicity to fish	EC50 / 48 h	-
	NOEC / 21 days	-
	M factor	-
Toxicity to Daphnia	LC 50 / 96 h	-
	NOEC / 21 days	-
	M factor	-
	3-Ethoxypropionic acid ethyl ester	
Toxicity to algae	EC50 / 72 h	114.86 mg/L/72 hours (Green algae)
	NOEC / 72 h	114.86 mg/L (Green algae)
	M factor	-
Toxicity to fish	LC50 / 96h	45.3-90 mg/L (Pimephales promelas)
	NOEC / 56 days	-
	M factor	-
Toxicity to Daphnia	EC 50 / 48h	785-970 mg/L (Water flea)
	NOEC / 21 days	1.57 mg/L (Water flea)
	M factor	-

Persistence and degradability

Not readily biodegradable.

Bioaccumulative potential

Product/Ingredient Name	Log Pow	BCF	Potential
Xylene, mixed isomers	3.1	8.1-25.9	Low
Tert Butyl Acetate	-	5.61	Low
3-Ethoxypropionic acid ethyl ester	1.35	3.05	Low

Mobility in soil

This product has low solubility and floats, and expected to migrate from water to the land.

PBT and vPvB assessment

No information is available

Other adverse effects

Avoid release to the environment.

Section 13 – Disposal Considerations

Waste from residues/unused products:	Follow the waste disposal requirements of your country, state, or local authorities.
Contaminated packaging:	Contaminated packaging material should be disposed of as stated above for residues and unused product.
RCRA	If this product, as supplied, becomes a waste in the US, it meets the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261, Reference number: U239. It is the responsibility of the waster generator to determine the proper waste identification and disposal method.
Empty Container Warning	(Where applicable) Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH

Section 14 – Transportation Information

Regulatory Information	UN number	UN proper shipping name	Transport Hazard Class(es)	Packing Group
DOT	UN 1139	COATING SOLUTION	3	II
TDG	UN 1139	COATING SOLUTION	3	II
IMDG	UN 1139	COATING SOLUTION	3	II
ICAO/IATA	UN 1139	COATING SOLUTION	3	II

Special precautions for user	Appropriate advice on safety must accompany the package.
Environmental hazards	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. See Ecological Information Section 12.

Section 15 – Regulatory Information**OSHA HAZARD COMMUNICATION STANDARD:**

This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Not listed
EINECS/ELINCS	Listed
ENCS	Listed
IECSC	Listed
KECL	Listed
PICCS	Listed
AICS	Listed

Legend:

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 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

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

Section 16 – Other Information**HMIS Rating:**

Health	1
Flammability	3
Physical Hazard	0
Personal Protection	x

NFPA Rating:

Health	1
Flammability	3
Instability	0
Special	-

Issue Date: June 30, 2021
Supersedes: November 04, 2016
Prepared By: Joey Wang

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE BY INNOVATIVE MANUFACTURING INC. IT IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT IS NOT INTENDED TO BE ALL-INCLUSIVE. USERS SHOULD CONSIDER THIS INFORMATION AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE THEIR OWN DETERMINATION OF SUITABILITY AND COMPLETENESS TO ASSURE PROPER SAFE USE AND DISPOSAL OF THESE MATERIALS.