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safety data sheet
SEAM SEALER

IMPER GUARD

1. Identification

Product identifier	SEAM SEALER
Product code	IG5500
Other means of identification	Sealant grades 5500M and 5500G.
Recommended use of the chemical and restrictions on use	Sealant. For exterior use only. Do not use indoors.
Distributor	IMPER GUARD 114, 2e Ave, Portneuf, Québec Canada G0A 2Y0 Tel. 418-285-0090 https://imperguard.com/
Emergency phone number	Imper Guard: 418-285-0090 Monday to Friday, 8:00 AM to 5:00 PM Quebec Poison Center: 1-800-463-5060 Canada Poison Center: 1-844-764-7669

2. Hazard identification

Summary	Avoid contact with the skin, eyes and clothing. Do not inhale vapors, mists or spray. Do not ingest. If medical advice is needed, have this SDS or label at hand. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.

WHMIS/GHS/OSHA HCS



Flammable liquids (Category 3)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Carcinogenicity (Category 2)
Specific target organ toxicity, single exposure (Category 3)
Specific target organ toxicity, repeated exposure (Category 2)
Aspiration hazard (Category 1)

DANGER
H226: Flammable liquid and vapour
H304: May be fatal if swallowed and enters airways
H319: Causes serious eye irritation
H315: Causes skin irritation
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
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating, lighting and all material-handling equipment.
P242: Use only non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe mist, vapours and spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves, protective clothing, eye protection and face protection.
P308+P313: IF exposed or concerned: Get medical attention.
P301+P310+P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P363: Wash contaminated clothing before reuse.
P332+P313: If skin irritation occurs: Get medical attention.
P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical attention.
P370+P378: In case of fire: Use chemical foam, dry chemical or carbon dioxide to extinguish.
P403+P233+P235: 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.

3. Composition/information on ingredients

Chemical name	**Common name and synonyms**	**CAS**	**Weight % content**
Solvent naphtha (petroleum), light aromatic (C8 to C10)	Light aromatic solvent naphtha	64742-95-6	20 - 30 %
Calcium carbonate	Monocalcium carbonate	Ca Carbonate	10 - 20 %
Distillates (petroleum), hydrotreated light	Hydrotreated light distillate	64742-47-8	10 - 20 %
Titanium dioxide	Titanium white	13463-67-7	0 - 10 %
Hydrocarbon resin	Petroleum resin	HC Resin	0 - 20 %
Styrene-butadiene copolymer	SBR, SBS	S/B Copolymer	0 - 20 %
Limestone	Natural calcium carbonate, chalk	1317-65-3	0 - 10 %
Synthetic amorphous fumed silica	Pyrogenic silica	112945-52-5	0 - 10 %
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 breathing is difficult, give oxygen by trained personnel. If not breathing, give artificial respiration. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap for at least 15 minutes. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention.
Eye contact	IMMEDIATELY! Flush with plenty of water. Remove contact lenses if easy to do. Flush with water for at least 15 minutes. Lift eyelids to rinse properly. Do not rub your eyes. If a problem develops or persists, seek medical attention.

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 plenty of water. If spontaneous vomiting occurs, keep head below hip level to prevent aspiration into the lungs. Seek medical attention or contact a Poison Centre immediately.
Other	No information available.
Symptoms	May cause severe eye irritation. May cause skin irritation. May cause respiratory tract irritation. May cause drowsiness or dizziness. Harmful or fatal if inhaled into the lungs (ingestion/vomiting). Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discolouration of the skin. Coughing, choking and gagging are often noted at the time of aspiration.
Notes to the physician	Treat according to person's condition and specifics of exposure. 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, dry sand, water fog, chemical foam, carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use a heavy water jet.
Specific hazards arising from the chemical	Flammable liquid and vapours. May be ignited by heat, sparks, flame or static electricity. May release irritating, toxic and/or corrosive during fire or when heated to decomposition.
Hazardous combustion products	Carbon oxides (COx), calcium oxides (CaOx).
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 damaged containers or 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	Eliminate all ignition sources. Ventilate the area well. Stop leak, if it's possible to do so without risk. Absorb with inert material (soil, sand, vermiculite) and place in an appropriate waste disposal clearly identified. Use non-sparking and antistatic tools. Finish cleaning the contaminated surface by rinsing with water. Dispose via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling	Use outdoors only! Keep away from heat, sparks and open flame. Use non-sparking and antistatic tools. Ground/bond all containers when transferring large quantities (5 gallons US or 20 L and more). Use only in well ventilated area. Avoid contact with the skin, eyes and clothing. Do not inhale vapors, mists or spray. Wear eye protection, gloves, respiratory protection 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 incompatibilities	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 containers in a cool, dry and well ventilated place. Ground or bond large containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials (see section 10). Store away from direct sunlight. Keep away from freezing.
Storage temperature	5 to 35°C (41 to 95°F)

8. Exposure controls/personal protection

Immediately Dangerous to Life or Health	Titanium dioxide: 5000 mg/m3.

Distillates (petroleum), hydrotreated light	TWA (8h)	Inhalable Fraction	5 mg/m^3	ACGIH
			200 mg/m^3	ACGIH , BC, ON
Calcium carbonate	STEL	Respirable Dust	20 mg/m^3	BC
	TWA (8h)	Respirable Dust	10 mg/m^3	ACGIH , RSST
Titanium dioxide	TWA (8h)	Total Dust	10 mg/m^3	ACGIH , BC, ON, RSST
Limestone	STEL	Total Dust	20 mg/m^3	BC
	TWA (8h)	Total Dust	10 mg/m^3	BC , 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

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. Ensure that eyewash stations and safety showers are close to the workstation.
Individual protection measures	
Eye	Wear chemical splash goggles. If risk of contact with eyes or the face, wear 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. Wash gloves with water before removing them. After using gloves, hands should be washed and dried thoroughly.
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. Wear an apron or long-sleeve protective coverall suit impervious to chemicals.
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.
Feet	Wear static dissipative (SD) boots.


Apron


Goggles


Nitrile gloves

9. Physical and chemical properties

Physical state	Liquid (Viscous)	**Flammability**	Flammable
Colour	White	**Flammability limits**	N/Av.
Odour	Solvent	**Flash point**	>40.6°C (105.1°F) Closed cup
Odour threshold	1 to 30 ppm	**Auto-ignition temperature**	N/Av.
pH	N/Ap.	**Sensibility to electrostatic charges**	Yes
Melting point	N/Av.	**Sensibility to sparks and/or friction**	No
Freezing point	N/Av.	**Vapour density**	5.3 @ 20°C (68°F) (Air = 1)
Boiling point	>154°C (309.2°F)	**Relative density**	1.10 kg/L (Water = 1)
Solubility	Insoluble in water	**Partition coefficient n-octanol/water**	N/Av.
Evaporation rate	N/Av.	**Decomposition temperature**	N/Av.
Vapour pressure	0.3 kPa (2.3 mm Hg) @ 20°C (68°F)	**Viscosity**	N/Av.
Percent Wt. Volatile	N/Av.	**Molecular mass**	N/Ap.
VOC (g/L)	<550 g/L	**% Volume Volatile (VOC)**	N/Av.
VOC (lb/gal)	N/Av.	**% Wt. Volatile (VOC)**	N/Av.
Particle characteristics	Particle size: N/Ap.		

N/Av.: Not Available N/Ap.: Not Applicable Und.: Undetermined N/E: Not Established

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions (including polymerizations)	Hazardous polymerization will not occur.
Conditions to avoid	Avoid heat, flames and sparks. Avoid static discharges. Avoid contact with incompatible materials.
Incompatible materials	Strong acids, strong oxidants.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Numerical measures of toxicity

Solvent naphtha (petroleum), light aromatic (C8 to C10)	Ingestion	8400 mg/kg	Rat	LD50
	Inhalation	>5.2 mg/l/4h	Rat	LC50
	Skin	>3750 mg/kg	Rabbit	LD50
Calcium carbonate	Ingestion	>5000 mg/kg	Rat	LD50
	Inhalation	3 mg/kg	Rat	LC50
	Skin	>2000 mg/kg	Rat	
Distillates (petroleum), hydrotreated light	Ingestion	>5000 mg/kg	Rat	LD50
	Inhalation	>10.2 mg/l/4h	Rat	LC50
	Skin	3160 mg/kg	Rabbit	LD50
Limestone	Ingestion	6450 mg/kg	Rat	LD50
Titanium dioxide	Ingestion	10000 mg/kg	Rat	LD50
	Inhalation	6.82 mg/l/4h	Rat	LC50
	Skin	10000 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

Skin, eyes, inhalation.

Delayed, immediate and chronic effects

Eye contact May cause severe eye irritation.

Skin contact May cause skin irritation.

Inhalation May cause respiratory tract irritation. High concentrations may cause central nervous system depression characterized by headache, dizziness, vertigo, nausea, drowsiness and fatigue. The severity of symptoms may vary depending on exposure conditions.

Ingestion Not a likely route of exposure. May cause gastrointestinal irritation with diarrhea, nausea and vomiting. Harmful or fatal if inhaled into the lungs (ingestion/vomiting). Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discolouration of the skin. Coughing, choking and gagging are often noted at the time of aspiration. Repeated or prolonged exposure may cause damage to kidneys.

Respiratory or skin sensitization Can cause allergic reactions in susceptible persons.

IARC/NTP Classification

Chemical name	IARC	NTP
Titanium dioxide	2B	-

IARC : 1- Carcinogenic; 2A- Probably carcinogenic; 2B- Possibly carcinogenic.
NTP : K- Known to be carcinogens; R- Reasonably anticipated to be carcinogens.

Carcinogenicity Suspected of causing cancer. The risk of cancer depends on duration and level of exposure.

Mutagenicity Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effects.

Reproductive toxicity Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause reproduction effects.

Specific target organ toxicity - single exposure Respiratory tract, central nervous system.

Specific target organ toxicity - repeated exposure Kidneys.

Interactive effects

No information available.

Other information

The oral and skin acute toxicity estimates (ATE) of the mixture were calculated to be greater than 2000 mg/kg. The acute toxicity estimate (ATE) by inhalation of the mixture was calculated to be greater than 20 mg/L/4h. These values are not classified according to WHMIS 2015 and OSHA HCS 2012.

12. Ecological information

Ecological toxicity	Fish - Oncorhynchus mykiss (rainbow trout)	LC50	9.2 mg/L; 96 h (CAS no 64742-95-6)
	Aquatic invertebrates - Daphnia magna (water flea)	EC50	6.14 mg/L; 48 h (CAS no 64742-95-6)
	Fish - Oncorhynchus mykiss (rainbow trout)	LC50	>100 mg/L; 96h (Ca Carbonate)
	Aquatic invertebrates - Daphnia magna (water flea)	EC50	>100 mg/L; 48 h (Ca Carbonate)
	Algea - Desmodesmus subspicatus (green algae)	ECr50	14 mg/L; 72 h (Ca Carbonate)
	Fish - Pimephales promelas (fathead minnow)	LC50	2.2 mg/L; 96 h (CAS no 64742-47-8)
	Aquatic invertebrates - Daphnia magna (water flea)	EC50	4720 mg/L; 96 h (CAS no 64742-47-8)
	Aquatic plants - Selenastrum capricornutum (green algae)	EC50	>1000 mg/L; 72 h (CAS no 64742-47-8)

Persistence	No information available.
Degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Other adverse effects	This chemical does not deplete the ozone layer.

13. Disposal considerations

Container 	Important! Prevent waste generation. Use in full. DO NOT pierce, cut, heat, or burn the container, even after use. DO NOT dispose residue in sewers, streams or drinking water supply. Residues: 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.

14. Transport information

UN Number	UN 1993
UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Environmental hazards	This material does not contain marine pollutant.
Special precautions for user	Permit required for transportation with proper DANGER placards displayed on vehicle. Not regulated in containers less than 450 L (119 gallons).
TDG - Transportation of Dangerous Goods (Canada & US DOT)	
Transport hazard class(es)	 Class 3
Packing group	III

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IMO/IMDG - International Maritime Transport	
Classification	UN 1993. FLAMMABLE LIQUID, N.O.S. Class 3, PG III. Emergency schedules (EmS-No) F-E, S-E
IATA - International Air Transport Association	
Classification	UN 1993. FLAMMABLE LIQUID, N.O.S. Class 3, PG III.

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.

15. Regulatory information

CANADA

Chemical name	CAS	CEPA	DSL	NDSL	NPRI
Solvent naphtha (petroleum), light aromatic (C8 to C10)	64742-95-6	X	X		X
Calcium carbonate	Ca Carbonate		X		
Distillates (petroleum), hydrotreated light	64742-47-8	X	X		X
Titanium dioxide	13463-67-7	X	X		
Hydrocarbon resin	HC Resin		X		
Styrene-butadiene copolymer	S/B Copolymer		X		
Limestone	1317-65-3			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

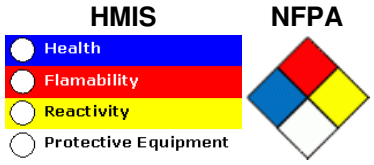
Chemical name	CAS	TSCA	CER CLA	EPCRA 313	EPCRA 302/304	CAA 112(b) HON	CAA 112(b) HAP	CAA 112(r)	CWA 311	CWA Prio.
Solvent naphtha (petroleum), light aromatic (C8 to C10)	64742-95-6	X								
Calcium carbonate	Ca Carbonate	X								
Distillates (petroleum), hydrotreated light	64742-47-8	X								
Titanium dioxide	13463-67-7	X								
Hydrocarbon resin	HC Resin	X								
Styrene-butadiene copolymer	S/B Copolymer	X								
Limestone	1317-65-3	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

Chemical name	CAS	Cancer	Reproductive and Developmental Toxicity
Titanium dioxide	13463-67-7	X	

Other regulations	

16. Other information

Date (YYYY-MM-DD)	IMPER GUARD 2026-10-06
Version	02
Other information	- The hazard classification in this document (section 2) is taken from the manufacturer's original version. REFERENCES: - 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/en - The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, https://pubchem.ncbi.nlm.nih.gov - European Chemical Agency ECHA, https://echa.europa.eu/information-on-chemicals DATE OF FIRST VERSION OF SDS: 2025-09-16. CHANGES MADE IN THE VERSION 02: sections 1, 3, 5, 7, 8, 9, 10, 11, 12, 15 and 16. 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.