



Safety Data Sheet
W-I True White Premium

Date of preparation: 06-Jun-2017

Revision Date: 08-Feb-2024

Section 1. Identification

Product identifier

Product Identity W-I True White Premium

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Ice Paint

Details of the supplier of the safety data sheet

Company Name White Ice (1995) Ltd.
4810 32nd Street S.E. ,
Calgary, Alberta , T2B 2S6,

Emergency

24-hour Emergency Telephone No. CHEMTREC 1-800-424-9300 (Canada and USA –
24 hours a day, 7 days a week)

Customer Service: 403-236-3055

Section 2. Hazard(s) identification

Classification of the substance or mixture

Carcinogenicity - Category 1A

Label elements



Signal Word: DANGER

Hazard Statement(s):

H350 May cause cancer.

Precautionary Statement(s):

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust, fume, mist, vapours or spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves, eye protection, and face protection.

Response:

P308+313 IF exposed or concerned: Get medical advice or attention.

P314 Get Medical advice or attention if you feel unwell.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents or containers in accordance with local, regional, national and/or international regulations in force.

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients
--

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Titanium dioxide CAS Number: 13463-67-7 Synonyms: Titanium dioxide (non-respirable)	7 - 13	Carc. 2;H351	---
Crystalline silica (Quartz) CAS Number: 14808-60-7 Synonyms: Crystalline silica (Quartz)	0.1 - 1	Carc. 1A;H350	---

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

Section 4. First aid measures

Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview

Inhalation: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Exposure to dust may aggravate pre-existing respiratory conditions.

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer

depends on duration and level of exposure.
Treat symptomatically. See section 2 for further details.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Do not breathe dust, fume, mist, vapours or spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking. Avoid dust formation. Take precautionary measures against static discharges.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal according to regulations in force. Avoid creating or breathing dust. Store recovered product in suitable containers that are covered. After cleaning, flush away traces with water.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage. Avoid contact with skin and eyes. Avoid generating dust. Do not breathe dust. Prevent accidental contact with incompatible chemicals.

See section 2 for further details. - Prevention:

Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong acids

See section 2 for further details. - Storage:

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
13463-67-7	Titanium dioxide	ACGIH	TWA: 10 mg/m ³
		Alberta	10 mg/m ³ TWA
		British Columbia	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)
		Manitoba	10 mg/m ³ TWA
		New Brunswick	10 mg/m ³ TWA
		Newfoundland and Labrador	10 mg/m ³ TWA
		Nova Scotia	10 mg/m ³ TWA
		Northwest Territories	10 mg/m ³ TWA 20 mg/m ³ STEL
		Nunavut	10 mg/m ³ TWA 20 mg/m ³ STEL
		Ontario	10 mg/m ³ TWA
		Prince Edward Island	10 mg/m ³ TWA
		Quebec	10 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)
		Saskatchewan	10 mg/m ³ TWA 20 mg/m ³ STEL
		Yukon	30 mppcf TWA (as Ti); 10 mg/m ³ TWA (as Ti) 20 mg/m ³ STEL (as Ti)
14808-60-7	Crystalline silica (Quartz)	ACGIH	TWA: 0.025 mg/m ³
		Alberta	0.025 mg/m ³ TWA (respirable particulate)
		British Columbia	0.025 mg/m ³ TWA (respirable)
		Manitoba	0.025 mg/m ³ TWA (respirable particulate matter)
		New Brunswick	0.1 mg/m ³ TWA (respirable fraction)
		Newfoundland and Labrador	0.025 mg/m ³ TWA (respirable particulate matter)
		Nova Scotia	0.025 mg/m ³ TWA (respirable particulate matter)
		Northwest Territories	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline)
		Nunavut	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline)
		Ontario	0.10 mg/m ³ TWA (designated substances regulation, respirable, listed under Silica, crystalline)
		Prince Edward Island	0.025 mg/m ³ TWA (respirable particulate matter)
		Quebec	0.1 mg/m ³ TWAEV (respirable dust)
		Saskatchewan	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline (Trydimite removed))
		Yukon	300 particle/mL TWA (listed under Silica - Quartz, crystalline)

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m³ (50 mppcf*) TWA, ACGIH 10 mg/m³.

Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Protective safety glasses recommended

Skin

Avoid skin contact. Protective gloves recommended.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Powder
Color	White
Odour	Odourless
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	Not applicable
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	Insoluble in water
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapour pressure (Pa)	No available information
Relative Density	2.8658
Vapour Density	No available information
Particle Characteristics	---
Evaporation rate (Ether = 1)	Not applicable
Oxidising properties	No available information
Explosive properties	No available information
Bulk Density	589 kg/m ³ (37lb/ft ³)
Other information	
No other relevant information.	

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid high temperatures and contact with incompatible material. Open flames, sparks, static discharge, heat and other ignition sources. Generation of dust.

Incompatible materials

Strong acids.

Hazardous decomposition products

Oxides of Carbon.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Titanium dioxide - (13463-67-7)	> 25,000.00, Rat - Category: NA	No data available.	No data available.	6.82, Rat - Category: NA	No data available.
Crystalline silica (Quartz) (respirable) - (14808-60-7)	No data available.	100,00No data available	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
13463-67-7	Titanium dioxide	IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
		ACGIH	A4
14808-60-7	Crystalline silica (Quartz) (respirable)	IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A2

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	1A	May cause cancer.
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry: Inhalation, Oral

Potential acute health effects:

Eye Contact – Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Inhalation - Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Symptoms related to the physical, chemical and toxicological characteristics:

Eye contact: Adverse symptoms may include the following: irritation, redness.

Inhalation: Dust may induce mild and temporary upper respiratory irritation with cough and shortness of breath.

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

Treat symptomatically.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Titanium dioxide - (13463-67-7)	No data available.	No data available.	No data available.
Crystalline silica (Quartz) (respirable) - (14808-60-7)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

Classification Method: Classified as per Part 2, Sections 2.1 - 2.8 of the Transportation of Dangerous Goods Regulations.

	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	TDG Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable
Environmental hazards	Marine Pollutant: No;		
Special precautions for user	No available information		

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

Canadian Domestic Substance List (DSL):

Crystalline silica (Quartz) (respirable)
Titanium dioxide

Canadian Non-Domestic Substance List (NDSL):

Calcium carbonate

Section 16. Other information

SDS Revision Date 02/08/2024

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

Revision Notes: Format update, Section 4 – Include most important symptoms and effects; Section 10 – Include product reactivity; Section 11 – Include route of exposure, symptoms related to physical, chemicals, toxicological characteristics.

SDS Prepared By: Product Safety Committee

End of Document