



(1) 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."

## Section 4 - First Aid Measures

**Inhalation:** Remove victim from exposure area immediately and keep them in fresh air at a rest position that is comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, administer artificial respiration or oxygen if trained personnel is available. It may be dangerous for the person administering aid to perform mouth-to-mouth resuscitation. Get medical attention. If unconsciousness occurs, place victim in recovery position and get medical attention immediately. Maintain an open airway.

**Eye Contact:** Flush eyes immediately with copious amounts of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes.

**Skin contact:** Immediately flush contaminated skin with copious amounts of water. Continue to rinse for at least 20 minutes. Get medical attention if irritation develops or persists. Contaminated clothing should be removed in a manner limiting further exposure. Contaminated clothing must be washed before reuse. Clean footwear thoroughly before reuse.

**Ingestion:** Wash out mouth with water. Get medical attention immediately. Substance may be harmful if swallowed. If material has been swallowed and the exposed person is conscious, give small amounts of water to drink. Stop giving water if the exposed person feels ill, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting does occur, keep the victim's head low to prevent vomit from entering the lungs. Never give anything by mouth to an unconscious person.

### **Most Important Symptoms/Effects, acute and delayed:**

#### Potential acute health effects:

**Eye Contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

### **Indication of immediate medical attention and special treatment needed, if necessary:**

**Eye Contact:** Adverse symptoms may include, but are not limited to, the following:

- Redness
- Pain or irritation
- Watering

**Skin contact:** Adverse symptoms may include, but are not limited to, the following:

- Pain or irritation
- Redness
- Blistering may occur

**Inhalation:** No known significant effects or critical hazards.

**Ingestion:** Adverse symptoms may include, but are not limited to, the following:

- Stomach pains

**Specific Treatment:** No specific treatment

**Notes to physician:** Treat symptomatically. Contact a poison treatment specialist immediately if large quantities have been ingested or inhaled.

*Note: Refer to Section 11 for toxicological information*

## Section 5 - Firefighting Measures

**Flash Point:** Not Applicable

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing Media:** None known.

**Specific hazards arising from the chemical:** If exposed to fire or extreme heat, closed containers may rupture.

**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Thermal decomposition can lead to the release of irritating gases and vapours.

**Protective actions for fire-fighters:** Being water based, this product is unlikely to support a fire. No special measures are required.

**Protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

## Section 6 - Accidental Release Measures

**Personal precautions, Protective equipment, and Emergency Procedures:** Keep unnecessary and unprotected personnel away from contaminated area. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear an appropriate respirator when ventilation is inadequate. Avoid dispersal of spilled material and runoff to waterways, drains, sewers, and soil. If the product has caused environmental pollution, inform the relevant authorities (sewers, waterways, soil, or air).

**Methods and Materials for containment and cleaning up:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined spaces. Contain and collect spillage with inert, absorbent material such as sand or earth. Do not use combustible materials such as saw dust. Sweep or scrape up contaminated absorbent material and containerize. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of contaminated material according to local regional regulations.

*Note: See Section 1 for emergency contact information and Section 13 for waste disposal.*

## Section 7 - Handling and Storage

**Handling Precautions:** Put on appropriate personal protective equipment (see Section 8). Do not handle until all safety precautions have been read and understood. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. When ventilation is inadequate, wear an appropriate respirator. Keep in the original container or an approved alternative made from compatible material. Keep container closed tightly when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Conditions for safe storage, including any incompatibilities:** Keep from freezing. Store in accordance with local regulations. Store in original container in a cool, dry, well-ventilated area protected from direct sunlight. Keep away from food and drink. Keep away from incompatible materials (see Section 10). Keep container sealed and

closed tightly until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls / Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
CALCIUM CARBONATE 471-34-1	Not Established	Not Established	NIOSH: 10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)
TITANIUM DIOXIDE 13463-67-7	15 mg/m <sup>3</sup> TWA (total dust)	10 mg/m <sup>3</sup> TWA	Not Established

**Engineering Controls:** Use only with adequate ventilation. Good general ventilation should be sufficient to control airborne levels. If user operations generate dust, fumes, or mist use ventilation to minimize exposure.

**Personal Protective Equipment:** Safety eyewear with side shields complying with an approved standard should be worn to avoid exposure to liquid splashes, mists, dusts, or gases. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. A properly fitted respirator that complies with an approved standard and is specified for protection against paint spray mist and organic vapours should be used when working in restricted and confined areas. Appropriate footwear and any additional protection measures should be selected based on the task being performed and the risks involved. Use a dust mask complying with an approved standard when sanding.

**Hygiene Measures:** Hands and face should be washed thoroughly before eating, drinking, smoking, or using the lavatory. Any potentially contaminated clothing should be removed and must be washed before reuse. Contaminated clothing and protective equipment should be removed before entering eating areas.

### Section 9 - Physical and Chemical Properties

This product typically exhibits the following Physical Properties under normal circumstances.

<p><b>Flash Point:</b> Not Applicable</p> <p><b>Flammability:</b> Not Applicable</p> <p><b>Appearance:</b> White Liquid</p> <p><b>Odour threshold:</b> Not determined</p> <p><b>Decomposition temperature:</b> Not determined</p> <p><b>Melting point:</b> Not determined</p> <p><b>Boiling range:</b> 100 - 250°C</p> <p><b>Vapor Density:</b> Not determined</p> <p><b>Solubility:</b> Insoluble</p> <p><b>Autoignition temperature:</b> Not Applicable</p>	<p><b>Evaporation rate:</b> Not determined</p> <p><b>Upper and Lower Flammability or Explosive Limits:</b> Not Applicable</p> <p><b>Odour:</b> Mild ammoniacal</p> <p><b>Viscosity:</b> Thin</p> <p><b>pH:</b> 8.6 - 9.0</p> <p><b>Freezing point:</b> 0°C</p> <p><b>Vapor Pressure:</b> Not determined</p> <p><b>Specific Gravity:</b> 1.25</p> <p><b>Partition coefficient (n-octanol/water):</b> Not determined</p>
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### Section 10 - Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical Stability:** The product is stable.

**Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid:** Avoid high temperatures. Keep from freezing.

**Incompatible Materials:** Reactive or incompatible with the following materials: oxidizing materials

**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Thermal decomposition can lead to the release of irritating gases and vapours .

## Section 11 - Toxicological Information

### Mixture Toxicity

Not determined

### Component Toxicity

13463-67-7 TITANIUM DIOXIDE

Dermal LD50: 5,000 mg/kg (Rat)

Titanium Dioxide has been rated as a potential occupational carcinogen by NIOSH, a possible human carcinogen (2B) by IARC, and is identified as a potential carcinogen to rats under OSHA.

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."

**Target Organs:** Eyes Skin Respiratory System

**Effects of Overexposure:** No known significant effects or critical hazards.

### Potential acute health effects:

**Eye Contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

### Symptoms related to the physical, chemical, and toxicological characteristics:

**Eye Contact:** Adverse symptoms may include, but are not limited to, the following:

Redness  
Pain or irritation  
Watering

**Skin contact:** Adverse symptoms may include, but are not limited to, the following:

Pain or irritation  
Redness  
Blistering may occur

**Inhalation:** No known significant effects or critical hazards.

**Ingestion:** Adverse symptoms may include, but are not limited to, the following:  
Stomach pains

Delayed and immediate effects, including chronic effects from short and long term exposure:

**Short term exposure:** No known significant effects or critical hazards.

**Long term exposure:** No known significant effects or critical hazards.

Potential chronic health effects:

**General:** Can cause sensitization of the skin through repeated or prolonged exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to low levels.

**Carcinogenicity:** Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

## Section 12 - Ecological Information

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

**Component Ecotoxicity:** No Data Available

## Section 13 - Disposal Considerations

Contact your local municipal office for specific disposal guidelines in your region. The generation of waste should be avoided or minimized wherever possible. Disposable of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposable contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe manner. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

## Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>	<u>Additional Information</u>
IATA/ICAO	Not Regulated	-	-	-	Product is not classified as a dangerous good
IMDG	Not Regulated	-	-	-	Product is not classified as a dangerous good
TDG	Not Regulated	-	-	-	Product is not classified as a dangerous good

### Section 15 - Regulatory Information

#### Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR) and WHMIS 2015. The SDS contains all of the information required by WHMIS 2015 and the Hazardous Products Regulation (HPR).

### Section 16 - Other Information

#### Legend:

RTU - Ready to Use

RTS - Ready to Spray

GHS - Globally Harmonized System of Classification and Labelling Chemicals

CAS - Chemical Abstracts Service

IARC - International Agency for Research on Cancer

OSHA - Occupational Safety and Health Administration (United States)

ACGIH - American Conference of Governmental Industrial Hygienists

NIOSH - National Institute for Occupational Safety and Health (United States)

EPA - Environmental Protection Agency (United States)

UN - United Nations

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods Code

TDG - Transportation of Dangerous Goods

IUCLID - International Uniform Chemical Information Database

CNS - central nervous system

CO2 - carbon dioxide

LC50 - concentration of a chemical in water or air which causes death in one half (50%) of a group of test animals

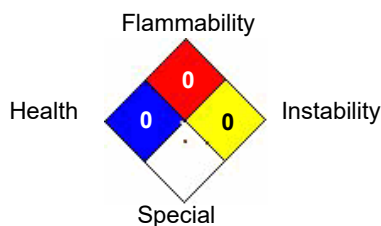
LD50 - amount of a chemical, given all at once, which causes death in one half (50%) in a group of test animals

EC50 - effective concentration of a substance that causes 50% of the maximum response

STEL - short term exposure limit

TWA - time weighted average

#### **National Fire Protection Association (NFPA)**



#### **Notice to Reader:**

To the best of our knowledge, the information contained herein is accurate. However neither Home Hardware Stores Limited nor Beauti-Tone Paints and Home Products division, 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.

Date Prepared: 2020-03-05

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