



**Disposal**

**P501** – Dispose of contents/container in accordance with local/state/federal regulations.

**HNOC:** Not Applicable

**Other information:** No information available

**3. COMPOSITION INFORMATION ON COMPONENTS**

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Titanium Dioxide	13463-67-7	10.21

**4. FIRST AID MEASURES**

<b>General Advice:</b>	No hazards which require special first aid measures.
<b>Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact:</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion:</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.
<b>Most Important Symptoms/Effects:</b>	None known.
<b>Notes To Physician:</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Protective Equipment And Precautions For Firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific Hazards Arising From The Chemical:</b>	Closed containers may rupture if exposed to fire or extreme heat

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information:</b>	Prevent further leakage or spillage if safe to do so.

**Environmental Precautions:** See Section 12 for additional Ecological Information.

**Methods For Clean-Up:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage:** Keep container tightly closed. Keep out of the reach of children. Keep from freezing.

**Incompatible Materials:** No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

REPORTABLE COMPONENTS	CAS NUMBER	%WT	AGCIH	OSHA Exposure Limits			Vapor Pressure mm Hg @20° C	
			LV/TWA PPM	TWA PPM	MG/M3	STEL PPM		MG/M3
Titanium Dioxide	13463-67-7	10.21	10	-	10	-	-	-

**Eye/Face Protection:** Safety glasses with side-shields.

**Skin Protection** Protective gloves and impervious clothing.

**Respiratory Protection** In case of insufficient ventilation wear suitable respiratory equipment. When sanding or abrading the dried paint film, wear a dust / mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive material itself.

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

**Hygiene Measures:** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Little or no odor
Odor Threshold	No information available
pH	No information available
Freezing Point (°F)	32 °F
Boiling Point (°F)	212 °F
Flash Point (°F)	Not applicable
Flash Point Method	Not applicable
Evaporation Rate	No information available
Flammability (solid, gas)	Not applicable

Upper Explosion Limit	Not applicable
Lower Explosion Limit	Not applicable
Vapor Pressure	No information available
Vapor Density	No information available
Density (lbs./gal)	10.07
Specific Gravity	1.21
Solubility	No information available
Water Solubility	No information available
Partition Coefficient (n-octanol/water)	No information available
Autoignition Temperature (°F)	No information available
Decomposition Temperature (°F)	No information available
Viscosity (cps)	No information available
Wt. % Solids	45.89
Vol. % Solids	36.96
Wt. % Volatiles	54.11
Vol. % Volatiles	63.04
Coating VOC	49.49 g/l
Material VOC	19.03 g/l

## 10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions.
Possibility Of Hazardous Reactions	None under normal conditions of use.
Conditions To Avoid	Prevent from freezing
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use.

## 11. TOXICOLOGICAL INFORMATION

Principal Routes of Exposure:	Eye contact, skin contact and inhalation.
Acute Toxicity:	No information available
Symptoms	No information available
Eye contact	May cause slight irritation.
Skin contact	Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Sensitization:	No information available

<b>Neurological Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>Target Organ Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available

### Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:.

Chemical Name	IARC	NTP	OSHA Carcinogen
Titanium dioxide (If Listed)	2B - Possible Human Carcinogen		Listed

• 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."

### Legend

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

## 12. ECOLOGICAL INFORMATION

<b><u>Ecotoxicity Effects</u></b>	The environmental impact of this product has not been fully investigated.
<b>Acute Toxicity to Fish (Titanium Dioxide)</b>	LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)
<b>Acute Toxicity to Aquatic Invertebrates</b>	No information available
<b>Acute Toxicity to Aquatic Plants</b>	No information available
<b>Persistence / Degradability</b>	No information available
<b>Bioaccumulation / Accumulation</b>	No information available
<b>Mobility in Environmental Media</b>	No information available
<b>Ozone</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**ICAO / IATA** Not regulated

**IMDG / IMO** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA: United States** Yes - All components are listed or exempt.

**DSL: Canada** Yes - All components are listed or exempt.

### Federal Regulations

#### SARA 311/312 hazardous categorization

Please refer to Section 2 of the SDS for the appropriate EPCRA 311/312 hazard categories.

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed in the table below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<u>Chemical Name</u>	<u>CAS Number</u>
None	None

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

Unless listed below, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage:

<u>Chemical Name</u>	<u>CAS Number</u>
None	None

### State Regulations

#### California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm at levels less than required for reporting (<0.1%) unless listed in Section 3.

## 16. OTHER INFORMATION

**HMIS**      **Health: 1\***      **Flammability: 0**      **Reactivity: 0**      **PPE: X**

