

# Safety Data Sheet

## Titanium Wall Primer

SDS Revision Date:

02/19/16

### 1. Identification

#### 1.1. Product identifier

**Product Identity** Titanium Wall Primer  
**Alternate Names** Product Code TP-2915

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Lanco & Harris Corp.  
600 Mid Florida Drive  
Orlando, FL 32824

#### **Emergency** **CHEMTREC (USA)**

**24 hour Emergency Telephone No.** (800) 424-9300  
**Customer Service: Lanco & Harris Corp.** (407) 240-4000

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

1A Category Carcinogen (Quartz)  
2 Category Possible carcinogenicity (Titanium Dioxide)

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

#### GHS Label Elements:



**Signal Word** : **Danger**

**Hazard Statements** : H350 – May cause cancer (inhalation)

**Precautionary Statements** : P201 – Obtain special instructions before use  
: P202 - Do not handle until all safety precautions have been read and understood  
: P260 – Do not breathe dust  
: P280 – Wear protective gloves, protective clothing, eye protection, face protection  
: P308+P313 – If exposed or concerned: Get medical advice/attention  
: P405 – Store locked up

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### 2.3 Other hazards

Other hazards not contributing to the classification

:Prolonged and/or massive exposure to respirable crystalline silica dust may cause silicosis, a nodular pulmonary fibrosis cause by deposition in the lungs of fine respirable particles of crystalline silica.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designation	Weight %	GHS Classification	CAS Number	Notes
Water	20 - 30	Not classified	7732-18-5	
Styrene Acrylic Polymer	30 - 40	Not classified	Mixture	
Titanium Dioxide	10 - 20	Cat 2. Possible carcinogen	13463-67-7	1,2
Talc	5 - 10	Not classified	14807-96-6	1,2
Calcium Carbonate	10 - 15	Not classified	1317-65-3	1,2
Trimethyl Pentanediol Monoisobutyrate	1 - 5	Not classified	25265-77-4	1
Quartz	0.1 - 0.5	Cat 1A, Carcinogen, H350 STOT SE3, H335 STOT SE 1, H370	14808-60-7	1,2

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. 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.

#### 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

Induce vomiting promptly according to physician's instructions or by having patient stick finger down throat. After vomiting has been induced, give two teaspoons of baking soda in water.

### 4.2. Most important symptoms and effects, both acute and delayed

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### Overview

Inhalation Health Risks and Symptoms of Exposure:  
Irritation of the respiratory tract; headache, nausea, dizziness.

Skin and Eye Contact Health Risks and Symptoms of Exposure:  
In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance.

Skin Absorption Health Risks and Symptoms of Exposure:  
Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion Health Risks and Symptoms of Exposure:  
If ingested, call a physician immediately. Induce vomiting and contact a physician or your nearest poison control center. Never give anything to an unconscious person. Treat symptomatically.

Health Hazards (Acute and Chronic):  
Prolonged and repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

Medical Conditions Generally Aggravated by Exposure:  
None when used in accordance with safe handling and use information.

See section 2 for further details.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

CO2, water fog, other.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon Monoxide and Carbon Dioxide

### 5.3. Advice for fire-fighters

Due to pressure build-up, closed containers exposed to extreme heat may explode during emergency conditions. Overexposure can cause decomposition of product and create a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Summon professional firefighters. Use full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable.

ERG Guide No. ----

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

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Do not allow spills to enter drains or waterways.

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

### 6.3. Methods and material for containment and cleaning up

Wash with water, before attempting clean up, refer to hazard caution information in other section of this safety data sheet. Contain spilled material and remove with inert absorbent material.

## 7. Handling and storage

### 7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Store below 100F and keep from freezing. Keep container closed when not in use. Do not reuse empty container. Keep out of reach of children.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

Quartz (14808-60-7)		
USA ACGIH	ACGHI TWA (mg/cubic meter)	0.025 mg/cubic meter Respirable Fraction
USA OSHA	USA OSHA OSHA PEL (TWA) (mg/cubic meter)	0.1 mg/cubic meter
USA OSHA	Remark (OSHA)	(3) See Table Z-3
Talc (14807-96-6)		
USA ACGIH	ACGHI TWA (mg/cubic meter)	2 mg/cubic meter Respirable Fraction
USA OSHA	USA OSHA OSHA PEL (TWA) (mg/cubic meter)	2 mg/cubic meter
USA OSHA	Remark (OSHA)	(3) See Table Z-3
Calcium Carbonate (1317-65-3)		

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USA ACGIH	ACGHI TWA (mg/cubic meter)	5 mg/cubic meter Respirable Fraction
USA OSHA	USA OSHA OSHA PEL (TWA) (mg/cubic meter)	10 mg/cubic meter
Titanium Dioxide (13463-67-7)		
USA ACGIH	ACGHI TWA (mg/cubic meter)	15 mg/cubic meter
USA OSHA	USA OSHA OSHA PEL (TWA) (mg/cubic meter)	10 mg/cubic meter 2B, Revised 2006
Trimethyl Pentanediol Monoisobutyrate (25265-77-4)		
USA ACGIH	ACGHI TWA (mg/cubic meter)	No Established Limit
USA OSHA	USA OSHA OSHA PEL (TWA) (mg/cubic meter)	No Established Limit

### 8.2. Exposure controls

#### Respiratory

Do not breathe vapors, spray, mist or sanding dust. When spray is applied in outdoor or open areas with unrestricted ventilation, and during sanding or grinding operation, use NIOSH/NSHA approved mechanical filter respirator to remove solid airborne particles of overspray and sanding dust.

#### Eyes

Do not get in eyes. Safety eyewear with splash guards or side shields is recommended to prevent contact.

#### Skin

Not Required

#### 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 vapor 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. - [Prevention]:

## 9. Physical and chemical properties

#### Appearance

White Liquid

#### Odor

Latex

#### Odor threshold

Not Measured

#### pH

8.5 to 10

#### Melting point / freezing point

Not Measured

#### Initial boiling point and boiling range

100 C, 212 F

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<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	1.331 (water=1)
<b>Solubility in Water</b>	Partly Soluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Material V.O.C.</b>	19 g/l
<b>Coating V.O.C.</b>	44 g/l

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Do not mix product with other material unless specified by manufacturer.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Carbon Monoxide and Carbon Dioxide

## 11. Toxicological information

### Acute toxicity

No data available.

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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	---	May cause cancer (inhalation)
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	H335 May cause respiratory irritation. H370 may cause damage to organs (lungs).
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

Harmful to aquatic life.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Calcium carbonate - (1317-65-3)	Not Available	Not Available	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate - (25265-77-4)	30.00, Pimephales promelas	95.00, Daphnia magna	18.40 (72 hr), Selenastrum capricornutum

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

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### 13. Disposal considerations

#### 13.1. Waste treatment methods

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

### 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		

### 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	Not Regulated
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> No <b>Delayed (Chronic):</b> No

#### **EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### **Proposition 65 - Carcinogens (>0.0%):**

Crystalline Silica - Quartz



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**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Calcium carbonate

Titanium dioxide

**Pennsylvania RTK Substances (>1%):**

Calcium carbonate

Titanium dioxide

### 16. Other information

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.

The full text of the phrases appearing in section 3 is:

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