

# TADELAKT

## SAFETY DATA SHEET

### SECTION 1 . IDENTIFICATION

#### 1.1 Product Identifier

**Product Name:** Tadelakt

**Description:** Smooth Synthetic Plaster

#### 1.2 Recommended Use of Chemical and Restrictions

**Use:** Plaster

#### 1.3 Details of the Supplier of the Safety Data Sheet

**Manufacturer / Supplier:** Specialized Building Products  
145 West Meats Ave Orange,  
CA 92865

**Telephone:** (714) 279-1042

#### 1.3 Emergency Telephone Number Emergency

**Telephone:** (714) 279-1042

### SECTION 2 . HAZARD(S) IDENTIFICATION

#### 2.1 Classification of the Chemical According to OSHA HAZCOM 2012

**Hazard Class:** Carcinogenicity 1A.

#### 2.2 Label Elements According to OSHA HAZCOM 2012

**Hazard Pictogram:**



**Signal Word:** Danger

**Hazard Statement:** May cause cancer. Harmful in contact with skin. Harmful if inhaled or swallowed.  
Causes eye and skin irritation.

#### 2.3 Additional Information

**Hazards Not Otherwise Classified:** Not applicable.

**Classified:**

3% of the mixture consists of ingredient(s) of unknown acute toxicity.

### SECTION 3 . COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

Component	CAS#	Weight %
Titanium Dioxide	13463-67-7	1-5%

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

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## SECTION 4 . FIRST AID MEASURES

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### 4.1 Description of First Aid Measures

**Eyes Contact:** Hold eyes open and flush for at least 15 minutes with large amounts of water. Obtain medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap or mild detergent and large amounts of water. Get medical attention if irritation occurs.

**Inhalation:** Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention

**Ingestion:** DO NOT INDUCE VOMITING. Give two glasses of water to dilute stomach contents. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Consult a physician immediately.

**4.2 Most Important Symptoms and Effects, Both Acute and Delayed:** May cause irritation and pain.

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to Physician:** Symptoms may not appear immediately.

**Treatment:** In case of accident or if you feel unwell, seek medical advice immediately.

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## SECTION 5 . FIRE - FIGHTING MEASURES

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### 5.1 Flammability

**Flammability:** Not flammable by WHMIS/OSHA criteria.

### 5.2 Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide, dry powder, foam, and water mist.

**Unsuitable Extinguishing Media:** None known.

### 5.3 Special Hazards From the Chemical

**Products of Combustion:** May include, and are not limited to: oxides of carbon.

### 5.4 Special Protective Equipment and Precautions for Fire Fighters

**Protective Equipment:** Full protective clothing with self-contained breathing apparatus should be worn. The use of SCBA is recommended.

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## SECTION 6 . ACCIDENTAL RELEASE MEASURES

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### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

User personal protection as recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 Methods and Materials for Containment and Cleaning Up

Contain, or absorb with inert absorbent material. Collect spilled material in a salvage container. Prevent spill from entering sewers, drains, streams, waterways, or other bodies of water. Dispose of in accordance with all local, state and federal regulations.

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## SECTION 7 . HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** DO NOT TAKE INTERNALLY. Avoid inhalation of excess vapors, ingestion, and unnecessary, prolonged, or repeated contact with skin. Change soiled work clothes frequently. Wash hands and other exposed body areas before eating. Eyewash fountains and safety showers must be easily accessible. KEEP OUT OF REACH OF CHILDREN.
- 7.2 Precautions for Safe Storage, including any incompatibilities:** Store closed containers at temperatures between 40°F and 110°F (4°C and 43°C) and away from heat sources. Keep containers tightly closed and store with adequate ventilation. DO NOT ALLOW TO FREEZE (product will coagulate).

## SECTION 8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters Exposure Guidelines

#### Occupational Exposure Limits

Ingredient	OSHA-PEL	ACGIH-TLV
Titanium dioxide	15 mg/m <sup>3</sup> (total dust)	10 <sup>3</sup> mg/m

### 8.2 Exposure Controls

**Engineering Controls:** Use local exhaust ventilation or respiratory protection adequate to maintain exposures (airborne levels of dust, fume, vapor, etc) below recommended exposure limits.

### 8.3 Individual Protective Measures

**Eye Protection:** OSHA approved safety glasses or goggles are recommended when using product.

**Skin Protection:** Wear suitable protective clothing to prevent skin contact and chemical-resistant rubber gloves.

**Respiratory Protection:** Not required under normal conditions. Provide sufficient ventilation to maintain constant fresh air in workspace. In case of insufficient ventilation, use NIOSH/MSHA approved organic vapor and mist, supplied air, or self-contained breathing apparatus. Avoid breathing sanding dust.

**General Health And Safety Measures:** Do not eat, drink, or smoke where material is handled, processed or stored. Wash hands carefully before eating or smoking. Wash contaminated clothing before reusing.

## SECTION 9 . PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties

**Appearance:** Viscous liquid

**Color:** Various.

**Odor:** Not available.

**Odor Threshold:** Not available.

**pH:** 7.5 - 9.5

**Melting Point / Freezing Point:** ~32° F (~0° C)

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## SECTION 9 . PHYSICAL AND CHEMICAL PROPERTIES

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**Boiling Point:** ~212° F (~100° C)  
**Flash Point:** Not available.  
**Evaporation Rate:** Not available.  
**Flammability:** Not flammable.  
**Explosive Limits:** Not available.  
**Vapor Pressure:** Not available.  
**Vapor Density:** Not available.  
**Relative Density:** Not available.  
**Solubility:** Not available.  
**Partition Coefficient:** Not available.  
**Auto Ignition Temperature:** Not available.  
**Decomposition Temperature:** Not available.  
**Viscosity:** Not available.  
**VOC content (g/L):** <10 g/L

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## SECTION 10 . STABILITY AND REACTIVITY

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### 10.1 Reactivity:

No dangerous reaction known under normal storage and use conditions.

### 10.2 Chemical Stability:

This is a stable material under normal storage and use conditions.

### 10.3 Possibility of Hazardous Reactions:

No dangerous reaction known under normal storage and use conditions.

### 10.4 Conditions to Avoid:

High temperatures or freezing, phase separation and possible coagulation may occur.

### 10.5 Incompatible Materials:

None known.

### 10.6 Hazardous Decomposition Products:

May include, and are not limited to: oxides of carbon.

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## SECTION 11 . TOXICOLOGICAL INFORMATION

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### 11.1 Information of Toxicological Effects

**Likely Routes Of Exposure:** Skin contact, eye contact, inhalation, and ingestion.

#### Symptoms Related To Physical, Chemical, And Toxicological Characteristics

**Eye:** Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

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## SECTION 11 . TOXICOLOGICAL INFORMATION

**Skin:** May cause skin irritation.

**Ingestion:** May cause stomach distress, nausea, and vomiting.

**Inhalation:** May cause respiratory tract irritation.

**Symptoms Of Overexposure:** Prolonged or repeated contact may cause skin and eye irritation.

### Acute Toxicity:

Ingredient	LC50	LD50
Titanium dioxide	Not available.	Oral >10000 mg/kg, rat Dermal >10000 mg/kg, rabbit

### Calculated overall Chemical Acute Toxicity Values

LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not available.	rat >100 mg/kg	rat >100 mg/kg, rabbit

### Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH):

Ingredient	OSHA	ACGIH	IARC	CA Prop 65
Titanium dioxide	Listed	Not classifiable as a human carcinogen.	Possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.	Listed

### 11.2 Delayed, Immediate, and Chronic Effects of Short- and Long-Term

**Exposure Skin Corrosion/Irritation:** May cause skin irritation

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

## SECTION 12 . ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

**Acute/Chronic Toxicity:** May cause long-term adverse effects in an aquatic environment.

### 12.2 Persistence and Degradability

Not available.

### 12.3 Bioaccumulative Potential

Not available.

### 12.4 Mobility in Soil

Not available.

### 12.5 Other Adverse Effects

Not available.

## SECTION 13 . DISPOSAL CONSIDERATIONS

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## SECTION 13 . DISPOSAL CONSIDERATIONS

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### 13.1 Waste Treatment Methods

**Disposal Method:** Dispose of in accordance with federal, state and local regulations.

**Other Recommendations:** Not available.

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## SECTION 14 . TRANSPORT INFORMATION

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### 14.1 Transport Information

**Land Transport - DOT:** Non-regulated

**Sea Transport - IMDG:** Non-regulated

**Air Transport - ICAO/IATA:** Non-regulated

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## SECTION 15 . REGULATORY INFORMATION

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### 15.1 Safety, Health and Environmental Regulations / Legislations Specific for the Substance or Mixture

**TSCA Inventory Status and TSCA Information:** This material or its components are listed on or are in compliance with requirements of the TSCA Chemical Substance Inventory.

**TSCA 12(b) Export Notification:** This material does not contain any TSCA 12(b) regulated chemicals.

**CERCLA Regulated Chemicals:** This material does not contain any CERCLA regulated chemicals.

**SARA 302 EHS Chemicals:** This material does not contain any SARA extremely hazardous substances.

**SARA 311/312 Hazard Class:** This material does not present any SARA 311/312 hazards.

**SARA 313 Chemicals:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**HAPS (Hazardous Air Pollutants):** None.

### 15.2 U.S. State Regulations California

#### Proposition 65:

WARNING! This product contains a chemical known to the State of California to cause cancer. The listing of titanium dioxide is for "airborne, unbound particles of respirable size." The listing is not applicable to titanium dioxide when it remains bound within a product matrix.

#### California Proposition 65 Reproductive Toxins:

This product contains no listed components.

#### Massachusetts Substance List:

This product contains no listed components.

#### New Jersey Right-To-Know Hazardous Substance List:

Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Titanium dioxide.

#### Pennsylvania Right-To-Know Hazardous Substance List:

Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide.

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**HMIS Hazard Code Ratings:** Health – 1\*

Flammability - 0

Reactivity - 0

Protective Equipment - Yes - S R

**HMIS Rating Scale:** 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

**Personal Protective Equipment Key:** S = Splash goggles + synthetic apron + gloves  
R = Respirator in some circumstances

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## SECTION 16 . OTHER INFORMATION

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**Date of Preparation:** August 4, 2014

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