

PALLADIUM® TEXTURED COATING

PALLADIUM Textured Coating is a proprietary blend of latex acrylics formulated to provide an elastomeric, resilient, stucco-like finish with superior weathering characteristics.



USES

PALLADIUM Textured Coating is designed for use over wood, OSB, cementitious surfaces, structural insulated panels (SIPs), urethane foam sheathing, foam form blocks (ICFs), existing stucco, masonry and aged wood.

ADVANTAGES

- **Flexible**
Forms a continuous and seamless coating.
- **Textured Appearance**
Can be troweled or sprayed in a variety of stucco-appearing finishes.
- **Water Resistant**
Withstands wind-driven rain, salt spray and most chemicals.
- **Superior Adhesion**
Adheres tightly to the surface without tearing or pulling away.
- **Seals Tightly**
Prevents air and water intrusion.
- **Low Maintenance**
Low maintenance requirements.
Easy clean up.
- **Excellent Paintable Surface**
Provides an excellent paintable surface for acrylic latex paints.
- **Non-Toxic**
Safe for both interior and exterior use and has no odor when cured.
- **Resists Mold & Mildew**
Breathable finish with added fungicides.

TECHNICAL INFORMATION

Available Colors

PALLADIUM Textured Coating is available in a variety of earth-tone colors. The standard colors are: Arctic White, Sandalwood, Desert Sunrise, Sandstone, Southern Gray, Smoke Gray, Mountain Gray, Sierra Tan, Palomino Beige, and Hawaiian Sand. Custom colors are also available.

Texture

Medium. Secondary textures applied over the base coat include skip trowel, knock down, or quartzputz.

Recommended Thickness

60-80 mils. (Approximately 1/16"-3/32")

Physical Properties

Composition	Textured Acrylic Latex
Viscosity	Trowel Grade
Density	9.6 ± .1 lbs./gal.
Specific Gravity	1.15
pH	8.5
VOC	30 g/l
% Solids	70%
Elongation	15%
Temperature Range	-40° F. to 250° F.
Odor	Odorless When Dry
Toxicity	Non-Toxic
Shelf Life	2 Years
Stability	Salt Spray Stable

Coverage

PALLADIUM Textured Coating will cover approximately 100 to 130 square feet per 5 gallon pail at the recommended thickness of 60-80 mils.

Dry Time

PALLADIUM Textured Coating will be tack free in 1 hour and completely cured within 72 hours depending on weather conditions and composition/porosity of the substrate.

Packaging

PALLADIUM Textured Coating is available in 5 gallon pails.

Storage

PALLADIUM Textured Coating must be protected from freezing and stored in temperatures that do not exceed 90° F. Opened containers may be stored by floating a thin film of water (1/16") on the surface of the material, covering with plastic, and tightly relidding the container.

Clean Up

Immediately clean up uncured PALLADIUM Textured Coating from tools, hands, and equipment with soap and water. Do not allow material to dry on tools, equipment, or clothing. If the material is allowed to dry, it may need to be removed with a solvent.



Manufacturing Facility: Sealants & Coatings Technologies

106 Industrial Way | Charlestown, IN 47111

800-899-3301 | Fax: 812-256-2344 | www.palladiumsct.com



APPLICATION GUIDELINES

READ AND FOLLOW ALL LABEL INSTRUCTIONS PRIOR TO APPLICATION OF THIS PRODUCT.

Surface Preparation

The surface must be structurally sound, solid, clean and dry. PALLADIUM® Textured Coating should not be applied to loose, crumbly, chalky or smooth plastic surfaces. The surface should also be completely free of any oil, solvent, asphalt impregnated materials or oil-based finished of any kind.

Application Temperature

PALLADIUM Textured Coating should be applied when ambient temperatures range between 40° F. and 90° F. and when relative humidity does not exceed 90%.

Note: Do not attempt to apply product if freezing temperatures are expected within 72 hours. Do not apply product during rain or when rain is imminent. If rain or other inclement weather is expected within 72 hours after material has been applied, plastic sheeting should be used to protect freshly applied coating.

PALLADIUM Textured Coating may only be installed by professional stucco applicators who are **FACTORY TRAINED AND CERTIFIED TO USE THIS PRODUCT**. PALLADIUM Textured Coating must be applied in strict accordance with the PALLADIUM Textured Coating Application Manual published by Sealants & Coatings Technologies, Inc. **NO OTHER EXCEPTIONS WILL BE ALLOWED. THIS APPLICATION MANUAL IS PRESENTED ONLY WHEN ATTENDING THE TRAINING AND CERTIFICATION SEMINAR.**

MAINTENANCE

No particular maintenance is required. However, should any cracks or separations occur because of excessive substrate movement or other unusual circumstances, simply apply material into cracks or separations and texture as appropriate. PALLADIUM Textured Coating may also be lightly hosed down to remove dust and dirt.

AVAILABILITY/SUPPORT

Sealants & Coatings Technologies, Inc. products are available from the manufacturing plant located in southern Indiana, as well as a global network of distribution partners.

Sealants & Coatings Technologies, Inc. will gladly provide technical support upon request.

Note: PALLADIUM is only sold to professional stucco applicators that are factory trained and certified to use this product.

LIMITED WARRANTY

Warranty Statement

PALLADIUM Textured Coating is warranted for a period of five (5) years from the date of application when installed by a factory trained applicator in accordance with the current edition of the application instruction manual provided by Sealants & Coatings Technologies, Inc. and the completed/signed warranty application original is on file at the Sealants & Coatings Technologies, Inc. corporate office.

Exceptions

This warranty does not cover failures due to the following:

- Fire, flood, natural disaster or any other act of God.
- Improper storage, handling or installation
- Plumbing leaks, faulty construction or house settling which exceeds the material elasticity
- Improper roof, chimney or wall penetration construction or flashing that allows water to get behind the PALLADIUM Textured Coating.
- Substitution of any unauthorized materials.
- Unauthorized “field modification” of any of the supplied products.
- Damage caused by riots, strikes, or any act of war, terrorism, or other criminal or civil disturbance.

Claims Notification

Notification of claims must be made in writing to Sealants & Coatings Technologies, Inc. upon discovery of areas of concern. If PALLADIUM Textured Coating is proved to have failed during the warranty period, Sealants & Coatings Technologies, Inc. will replace the failed material FOB its nearest distribution point. Sealants & Coatings Technologies, Inc. reserves the right to inspect the jobsite by an authorized representative prior to settlement of any claims.

Sealants & Coatings Technologies, Inc. sole and complete responsibility for proved material failure is as set forth in this warranty. Sealants & Coatings Technologies, Inc. will not be held responsible for incidental, indirect or consequential damages including reinstallation labor. The user is solely responsible for determining the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith. Questions regarding this warranty should be directed to the nearest Sealants & Coatings Technologies, Inc. representative.

TEST STANDARDS – PALLADIUM Textured Coating meets or exceeds the following tests standards:

TEST	METHOD	CRITERIA
Component Performance Accelerated Weathering	ASTM G-53	No deleterious effect after 3000 hours viewed at 5x magnification
Freeze/Thaw	ASTM G-67	No deleterious effect after 300 cycle test requirement period
Water Resistance	Tappi T443 Lm8t	5+ hours
Moisture Vapor Transmission	Tappi T443 Lm8t	Average 3+ perms
Mildew Resistance	ASTM D-3273	No growth supported within 28 days
Salt Spray Resistance	ASTM 8117	No deleterious effect after 300 hours
Elongation	ASTM D-638	15%
Tensile	ASTM C-297	No adhesive loss
Tensile Strength	ASTM D-638	210 psi
One Hour Fire Wall	ASTM E-119	No effect on fire rating of wall assembly
Flame Spread	ASTM E-84	UBC Class 1, NFPC Class A
Smoke Density	ASTM E-84	45 less than red oak
Toxicity	LABC Div. 61	Passed PAL0223

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017



1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Name of Product: Palladium Textured Coating

Product Code: 2010

Other Means of Identification: White Liquid

Recommended Use: Coating

Supplier Information:

Company: Sealants & Coatings Technologies, Inc.
106 Industrial Way
Charlestown, IN 47111

Company Phone Number: 800-899-3301 (8:00 a.m. - 4:30 p.m. EST)

Emergency Phone Number: 812-256-3767

2. HAZARDS IDENTIFICATION

GHS Classifications

HAZARD	CATEGORY	SIGNAL WORD	HAZARD STATEMENT	SYMBOL
Physical Hazards	None, not flammable	None	None	None
Health Hazards Acute Toxicity	5	Warning	H303, May be harmful if swallowed	None
Skin Corrosion/ Irritation	2	Warning	H315, Causes skin irritation	Exclamation Mark
Eye Irritation	2A	Warning	H319, Causes serious eye irritation	Exclamation Mark
Aspiration Hazard	1	Danger	H304, May be fatal if swallowed and enters airways	Health Hazard
Carcinogenicity	1A	Danger	H305i, May cause cancer by inhalation	Health Hazard

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

2. HAZARDS IDENTIFICATION, continued

Emergency Overview: Warning! Contains petroleum distillates which can solubilize skin oils, causing dry skin and eventually dermatitis with repeated exposure. Contains crystalline silica which can cause silicosis and lung cancer when inhaled.

Route of Entry: Inhalation: yes. Skin: yes. Ingestion: yes. Eyes: yes.

Carcinogenicity: NTP: yes. IARC: yes. OSHA: yes.

Reproductive Toxicity: No reproductive toxicants over 1% in formula.

Specific Target Organ Systemic Toxicity (TOST): Single Exposure: Irritating to the skin and eyes and respiratory tract. Prolonged exposure will affect the nervous system, causing nervous system depression. Causes damage to lungs through prolonged or repeated exposure by inhalation.

Effects of Exposure: Acute:

Eye: H319: Causes serious eye irritation.

Skin: Category 2. Causes skin irritation. Reversible adverse effects in dermal tissue within the observation period, usually 14 days.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. High concentrations may result in narcosis (central nervous system depression). Intentional inhalation in concentrated form (huffing) may lead to brain damage and death.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and effects of overexposure.

Signs and Symptoms of Overexposure:

Health Hazard: Diarrhea. Dermatitis.

Medical Conditions Aggravated by Exposure: Asthma.

LABELING:

Product Identifier: Palladium Textured Coating

Signal Word: Danger

Hazard Statements: H304, may be fatal if swallowed and enters airways. H315, causes skin irritation. H319, causes serious eye irritation. H350i, may cause cancer by inhalation.

Causes Skin and Eye Irritation. Do not breathe vapors or mist. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothes before reuse. Get medical attention if irritation develops and persists.

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

2. HAZARDS IDENTIFICATION, continued

Company Name: Sealants & Coatings Technologies, Inc.

Address: 106 Industrial Way
Charlestown, IN 47111

Phone Number: 800-899-3301

HAZARDS: (Liquid) Serious skin and eye irritant.

Pictograms on the label:



WARNING: May cause damage to central nervous system through prolonged or repeated inhalation.

WARNING: May cause respiratory irritation when inhaled.

Hazard Statements:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350i May cause cancer by inhalation.

Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Propylene Glycol	57-56-6	<2	Not Established
Microcrystalline Silica in the form of Quartz	14808-60-7	<3	10mg/m ³ Silica+2
Titanium Dioxide	13463-67-7	<15	15mg/3mg, total dust 8hr TWA
Chlorothalonil	1897-45-6	<0.5	Not found

TWA = Time Weighted Average

Note: Further safety information can be found in subsequent sections.

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

4. FIRST AID MEASURES

General Information: Discard contaminated clothing immediately.

Eye: Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids. Obtain medical attention.

Skin: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

Inhalation: Remove to fresh air. Apply artificial respiration/administer oxygen if necessary. Call physician immediately. If person is unconscious, transport affected person in reclined position.

Ingestion: Keep person warm and quiet. Get immediate medical attention. Do not induce vomiting. Never give anything orally to an unconscious person. Drink several glasses of water to dilute the product in the stomach.

5. FIRE FIGHTING MEASURES

Flammability Summary (OSHA): Not Flammable (Waterborne)

Flash Point Method: Setaflash.

Flash Point: Greater than 200°F (93°C) (Setaflash)

Upper Flammable/Explosive Limit, % in air: Not Found

Lower Flammable/Explosive Limit, % in air: Not Found

When dry the product can be made to burn:

Upper Flammable/Explosive Limit, % in air: NA

Lower Flammable/Explosive Limit, % in air: NA

Unusual Fire/Explosion Hazards: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to fire due to pressure buildup.

Extinguishing Media: Use water fog, foam, carbon dioxide or chemical fire fighting apparatus.

Fire Fighting Instructions: Product is not flammable. In case of fire in the area of product, wear NIOSH/MSHA approved SCBA and full protective equipment. Do not use full pressure water jet. Water spray may be used for cooling containers to prevent possible build up and auto ignition/explosion when exposed. Guard against toxic gases released by fire. If safe, remove containers from fire zone.

Products of Combustion: Carbon Dioxide, Carbon Monoxide, Water Vapor.

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

6. ACCIDENTAL RELEASE MEASURES

Large Spills: Dyke the spill with barriers to prevent it from spreading. Pump or scoop into containers.

Small Spills: Use a mop and wash the residue with soap and water to keep slipping from happening.

Waste Disposal Methods: Waste material must be disposed of in accordance with federal, state and local environment regulatory controls.

7. HANDLING AND STORAGE

Handling: Use drum trucks and pallet jacks to move drums and cans.

Drums: Protect against physical damage.

Bulk: Storage should be in standard lidded storage tanks.

Other Precautions: Clean up spills quickly to prevent slipping on the wet surface.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: Use NIOSH/MSHA approved self-contained breathing apparatus where vapor concentration may be above TLV limits. Below TLV limits use NIOSH/MSHA approved vapor respirator or an airline respirator with escape bottle provisions. This product is not expected to produce high concentrations of vapors in the air. When in doubt, test the atmosphere during working conditions.

Ventilation: Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit. Exhaust air may need to be cleaned by scrubbers.

Protective Gloves: Chemical resistant gloves.

Eye Protection: Chemical workers' goggles.

Other Protective Equipment: Splash shield if process splashes material excessively.

Eye Bath and Safety Shower: To prevent repeated or prolonged skin contact wear impervious clothing and boots.

Work Hygiene Practices: Wash hands and clothing after exposure.

Supplemental Safety and Health: First aid procedures: Vomit can cause chemical pneumonia which can be fatal.

Ventilation: Filters to reduce environmental contamination.

Effects of Overexposure: Irritating to respiratory system. Mild, reversible liver effects, liver abnormalities.

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION, continued

Exposure Limits:

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Propylene Glycol	57-56-6	<2	Not Established
Microcrystalline Silica in the form of Quartz	14808-60-7	<3	10mg/m ³ Silica+2
Titanium Dioxide	13463-67-7	<15	15mg/3mg, total dust 8hr TWA
Chlorothalonil	1897-45-6	<0.5	Not found

TWA = Time Weighted Average

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: White.

Odor: Slight.

Odor Threshold: Not available.

pH Value: 8.5 to 9.4.

Melting Point: Not available.

Evaporation Rate: Slower than ether.

Freezing Point: Not available.

Initial Boiling Point: 100°C (212°F)

Auto Ignition Temperature: 395°C (743°F).

Bulk Density: Approximately 9.55 pounds per gallon.

Flash Point: >200°F PMCC.

Upper Explosion Limit: Not established.

Lower Explosion Limit: Not established.

Solubility in Water: Miscible

Specific Gravity: 1.15 @20C(68F).

Weight per Gallon: 9.55 +/- 0.15 pounds

VOC: 0.36 pounds per gallon less water (43 g/l)

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

10. STABILITY AND REACTIVITY

Stability and Reactivity Summary: Stable under normal conditions.

Reactive Properties: Strong acids and bases will attack the polymer.

Sensitivity to Mechanical Shock: None.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Do not heat closed containers.

Chemical Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: CO, CO₂.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50 (Oral Rat) g/kg
Propylene Glycol	57-56-6	<2	Not Established
Microcrystalline Silica in the form of Quartz	14808-60-7	<3	>22,500
Titanium Dioxide	13463-67-7	<15	>10,000
Chlorothalonil	1897-45-6	<0.5	Not found

12. ECOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	Fish LCo (Leuciscus idus) 48hr:
Propylene Glycol	57-56-6	<2	Not Established
Microcrystalline Silica in the form of Quartz	14808-60-7	<3	LC50 carp >10,000 mg/l/72h
Titanium Dioxide	13463-67-7	<15	>1000 mg/l
Chlorothalonil	1897-45-6	<0.5	LC50 (rainbow trout Donaldson trout) Oncorhynchus mhykiss: 0.042mg/l, 96h

Environmental Toxicity: Some parts are not persistent in the environment. Ecotoxicity Classification criteria is between 1 and 100 for some of the ingredients. Most of the ingredients are carbon based and are eventually degraded by bacteria when placed in water or soil.

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

13. DISPOSAL CONSIDERATIONS

Care must be taken to avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws.

Waste Disposal Summary: Dispose as a hazardous chemical.

Disposal Methods: Dispose of in accordance with local, state and federal regulations. Incineration is preferred.

14. TRANSPORT INFORMATION

US Ground (DOT): Not regulated for transportation.

Canada (TDG): Not regulated for transportation.

IMO: Not regulated for transportation.

IATA/ICAO: Not regulated for transportation.

15. REGULATORY INFORMATION

UNITED STATES:

Toxic Substances Control Act (TSCA): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

Sections 311/312 Hazard Categories: (40 CFR 370.2)

Immediate/Acute Health Hazard: Yes.

Delayed/Chronic Health Hazard: Yes.

Fire Hazard: No.

Pressure Hazard: No.

Reactivity Hazard: No.

Superfund Amendments and Reauthorization Act (SARA) Title III: SARA 313 Components:
Chlorothalonil, CAS 1897-45-6, <0.25% wt

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

15. REGULATORY INFORMATION, continued

FEDERAL AND STATE REGULATIONS:

California Prop 65: Warning! The following chemicals have been determined by the State of California to cause cancer in laboratory animals and are available in trace amounts in this product:

Chemical	CAS Number	Notes
Formaldehyde	50-00-0	<0.10%
2-Propenenitrile	107-13-1	Trace
2-Propenoic acid, ethyl ester	140-88-5	Trace
Chlorothalonil	1897-45-6	<0.25% wt
Quartz crystalline silica	14808-60-7	<3% wt
Titanium Dioxide (unbound)	13463-67-7	<15% wt, product binds the Titanium Dioxide with polymer chains and it is not available to the worker unless it is sanded, releasing free, unbound TiO ₂ .
Benzene, ethyl	100-41-4	Trace

California Prop 65: Warning! The following chemicals have been determined by the State of California to cause birth defects in laboratory animals and are available in trace amounts in this product:

Chemical	CAS Number	Notes
Benzene, ethyl	100-41-4	Trace

CERCLA Reportable Quantities: None

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: A

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Safety Data Sheet – Palladium Textured Coating 2010

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Effective Date: January 8, 2017

16. OTHER INFORMATION

This information should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing the sustainability of a product for your particular purpose prior to its use. No warranties of any kind neither express nor implied, including warranties of merchantability or fitness for a particular purpose are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, information, data and designs furnished by SEALANTS & COATINGS TECHNOLOGIES, INC. hereunder are given gratis and SEALANTS & COATINGS TECHNOLOGIES, INC. assumes no obligation or liability for the description, information, data and designs given or results obtained, all such being given and accepted at your risk. We believe this information to be reliable and up to date as of its publication date, but make no warranty that it is. If this SDS is more than one year old you should contact SEALANTS & COATINGS TECHNOLOGIES, INC. to make sure the information is still current.

Prepared by V.C. Bud Jenkins, BS, MBA, JD, CHMM, CHWP
Coatings Scientist Consulting Services, www.coatingsscience.com