SCT
SEALING PRIMER

SCT Sealing Primer is a proprietary blend of latex acrylics designed to provide a substrate surface primer in preparation for applications of PALLADIUM® Textured Coating, eF-Coat or SCT Flexible Joint Compound.

USES

SCT Sealing Primer is used either by itself as a surface primer, or when mixed with SCT Flexible Joint Compound. It can be used over the following substrates:

- **Cementitious Surfaces**
- **SIPs**
- **Existing Stucco**
- **Aged Wood**
- **Masonry**
- **Foam Form Blocks**
- **OSB**
- **Urethane Foam Sheathing**

ADVANTAGES

- **Environmentally Safe**
  May be used for interior and exterior applications.
- **Quick Drying**
  Surface dry in 30 minutes to 1 hour.
- **Prevents Bleed-Through**
  SCT Sealing Primer prevents bleed-through and staining caused by tannic acid.
- **Easy Clean Up**
  Easy clean up with soap and water.
- **Prevents Moisture Penetration**
  Prevents moisture penetration when used as a sealant.
- **Odorless**
  Odorless when dry.
- **Easily Applied**
  Easily applied by brush, roller or airless sprayer.

TECHNICAL INFORMATION

Available Colors

SCT Sealing Primer is only available in clear.

Physical Properties

Viscosity	150 cps
Density	8.5 ± .1 lbs./gal.
pH	8 ± 0.5
VOC	46 g/l
% Solids	20%
Odor	Odorless When Dry
Toxicity	Non-Toxic
Shelf Life	2 Years
Stability	Salt Spray Stable
Test Method	ASTM G - 53

Coverage

SCT Sealing Primer covers approximately 200-400 square feet per gallon depending on porosity and texture of substrate.

Dry Time

SCT Sealing Primer will be dry to the touch in 30 minutes to 1 hour and completely dry in 24 to 48 hours depending on temperature and relative humidity.

Packaging

SCT Sealing Primer is available in 5 gallon and 1 gallon pails.

Storage

Store SCT Sealing Primer in a tightly sealed container in moderate temperatures (between 40° F. and 90° F.) **DO NOT FREEZE.**

Clean Up

Immediately clean up uncured SCT Sealing Primer from application tools, hands and equipment with soap and water. Dried brushes will require cleaning with lacquer thinner. Spray equipment should be cleaned immediately per the equipment manufacturer's recommendations for latex finishes. Dispose of excess materials and SCT Sealing Primer by following all local, state and federal environmental disposal regulations.

SCT
Sealants & Coatings Technologies, Inc.
www.palladiumsct.com

Manufacturing Facility: Sealants & Coatings Technologies
106 Industrial Way | Charlestown, IN 47111
800-899-3301 | Fax: 812-256-2344 | www.palladiumsct.com

ENGINEERED GREEN PRODUCTS

APPLICATION GUIDELINES

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

Surface Preparation
To ensure proper bonding, SCT Sealing Primer should be applied to surfaces that are clean, dry, and free of all dust, dirt, oil, solvents, fungi, mildew or any other contaminants. The substrate surface must be structurally sound and free from loose, crumbly, chalky, oil-based finishes or surfaces.

To clean the substrate use sand-blasting, pressure wash or wire brush. Rinse the surface thoroughly and allow it to dry completely.

If repairs to the substrate are necessary, use a material that is compatible with the existing substrate. Repair all damaged and delaminated wood, concrete, stucco, block or masonry. Any repair must be feathered out at the edges using a trowel in such a way as to reduce telegraphing of the repair through the PALLADIUM® Textured Coating System.

Any required sealing of joints, windows and other penetrations must be done prior to the application of SCT Sealing Primer except on cementitious surfaces. On cementitious surfaces, apply SCT Sealing Primer prior to the application of any caulking or SCT Flexible Joint Compound.

Application Method
SCT Sealing Primer may be applied with a brush, roller or airless sprayer. Apply one wet coat of primer. Saturation is not desired or required unless surface is unusually porous or roughly textured. Wipe or brush out all runs or puddles to eliminate excess material. Care should be taken not to allow build up of primer as it will create an excessively thick bond line between the substrate and the PALLADIUM Textured Coating System. Dilution of SCT Sealing Primer is not necessary. Allow surface to thoroughly dry before application of PALLADIUM Textured Coating or SCT Flexible Joint Compound. Drying time will depend on temperature and relative humidity.

NOTE: eF-Coat is not to be applied on below grade applications.

Application Temperature
SCT Sealing Primer should be applied when temperatures are between 40°F. and 90°F. Do not apply when subfreezing temperatures are expected within 48 hours of application. Avoid application in the rain or when rain is imminent. When applying in very hot weather, it is recommended that the material be applied to the shaded side of the house.

DO NOT APPLY DURING FREEZING TEMPERATURES.

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.

LIMITED WARRANTY

Warranty Statement:
Sealant & Coatings Technologies, Inc. (SCT) guarantees the contents of the container only. If the product is proved to be defective, replacement material will be furnished free of charge, FOB the nearest SCT distribution point, or the material cost will be refunded at SCT's option.

Due to the fact that SCT has no control over the surface preparation, application methods, weather or wood characteristics, no guarantee as to the results is offered, expressed or implied.

Labor cost, freight cost and loss of time or benefits are specifically not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the material.

Neither SCT, nor the seller makes any representations or warranty, expressed or implied, concerning the use of this material other than that stated herein and on the product label. Neither shall be held responsible in any personal injury, property damage or other loss resulting from improper handling, storage or use of this material. The buyer accepts and uses this material under these conditions. The user is solely responsible to determine 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.

Safety Data Sheet – Sealing Primer Code 2030

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
Effective Date: December 22, 2016

Sealants & Coatings Technologies, Inc.

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Name of Product: Sealing Primer

Product Code: 2030

Other Means of Identification: Clear 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

2. HAZARDS IDENTIFICATION, continued

Emergency Overview: Warning! Contains petroleum distillates which can solubilize skin oils, causing dry skin and eventually dermatitis with repeated exposure. May cause skin sensitization.

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

Carcinogenicity: NTP: no. IARC: no. OSHA: no. No carcinogenic materials over 0.1% in the formula.

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.

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: Sealing Primer

Signal Word: Danger

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

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.

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.

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
Ethylene Glycol Mono Butyl Ether	111-76-2	<2	240mg/m3 TWA

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

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.

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.

Exposure Limits:

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Propylene Glycol	57-56-6	<2	Not Established
Ethylene Glycol Mono Butyl Ether	111-76-2	<2	240mg/m3 TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.
Color: Milky white when wet. Clear when dry.
Odor: Slight.
Odor Threshold: Not available.
pH Value: 8.5 to 9.4.
Melting Point: Odor: Slight.
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 8.48 pounds per gallon.
Flash Point: >200°F PMCC.
Upper Explosion Limit: Not established.
Lower Explosion Limit: Not established.
Solubility in Water: Miscible
Specific Gravity: 1.02 @20C(68F).

Weight per Gallon: 8.48 +/- 0.15 pounds
VOC: 1.71 pounds per gallon less water (205 g/l)

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 Mg/kg	LD50 Dermal Rabbit Mg/kg
Propylene Glycol	57-56-6	<2	20000	Not found
Ethylene Glycol Mono Butyl Ether	111-76-2	<2	470	220

Note: Ethylene Glycol Mono Butyl Ether is mutagenic for bacteria and//or yeast. May cause damage to blood, kidneys, liver, central nervous system (CNS). In this product the concentration is <2% and through the Bridging principle these hazards are not considered likely to occur.

12. ECOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50 Oncorhynchus mhykiss (rainbow trout)
Propylene Glycol	57-56-6	<2	Low toxicity to fish
Ethylene Glycol Mono Butyl Ether	111-76-2	<2	No data found.

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.

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.

Superfund Amendments and Reauthorization Act (SARA) Title III: Ethylene Glycol Mono Butyl Ether (Glycol Ethers Category) <2.00%

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.

FEDERAL AND STATE REGULATIONS:

California Prop 65: The following chemicals have been determined by the Sate 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%

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

Chemical	CAS Number	Notes
None found		

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

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.

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