

SCT FLEXIBLE JOINT COMPOUND

SCT Flexible Joint Compound is a proprietary blend of latex acrylics designed to provide an elastomeric joint preparation compound compatible with the use of Palladium® Textured Coating.



Manufacturing Facility:

Sealants & Coatings Technologies, Inc.

106 Industrial Way
Charlestown, IN 47111
1-800-899-3301
Fax: 812-256-2344

www.palladiumsct.com



USES

SCT Flexible Joint Compound can be used as joint filler or as a surface sealer when thinned with SCT Sealing Primer over wood, OSB, cementitious surfaces, structural insulated panels, urethane foam sheathing, foam form blocks, existing stucco, masonry and aged wood.

Note: SCT Flexible Joint Compound must not be applied to surfaces that are crumbly, chalky, loose or have oil based finishes or surfaces. The surface must be clean, dry and without the presence of fungus, mildew or other contaminating materials.

ADVANTAGES

- **Environmentally Safe**
May be used for interior and exterior applications.
- **Quick Drying**
Surface dry in 10-30 minutes. Completely dry in 8-72 hours depending on thickness.
- **Easy Clean Up**
Easy clean up with soap and water.
- **Superior Adhesion**
Adheres tightly to the surface without tearing or pulling away.
- **Flexible**
Provides a highly resilient coating that stays flexible and expands and contracts with normal movement.
- **Easily Applied**
Tools easily and does not require sanding when used in conjunction with Palladium Textured Coating.
- **Excellent Paintable Surface**
Provides an excellent paintable surface for acrylic latex paints.

TECHNICAL INFORMATION

Available Colors

SCT Flexible Joint Compound is only available in white.

Texture

SCT Flexible Joint compound has a smooth texture. Some light sanding may be required either between coats, before application of Palladium Textured Coating or before painting.

Recommended Thickness

Recommended maximum application thickness is 1/16" per coat. Allow each coat to cure before applying subsequent coats.

Physical Properties

Composition	Acrylic Latex
Viscosity	Trowel Grade
Density	8.90 lbs./gallon
pH	8 -8.5
VOC	17 g/l
% Solids	60-65%
Elongation	25%
Odor	Odorless when dry
Toxicity	Non-toxic
Shelf Life	2 Years

Coverage

SCT Flexible Joint Compound covers approximately 100-200 square feet per 5 gallon pail. Coverage is dependant on the characteristics and general condition of the substrate as well as the method of application and thickness.

Drying Time

SCT Flexible Joint Compound will be surface dry in 10-30 minutes. It will be completely dry in 8-72 hours depending on thickness, temperature and relative humidity.

Packaging

SCT Flexible Joint Compound is available in 5 gallon pails.

Storage

SCT Flexible Joint Compound 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 it with plastic, and tightly re-lidding the container.

Clean Up

Immediately clean up uncured SCT Flexible Joint Compound from application tools, hands and equipment with soap and water. Dispose of excess materials and SCT Flexible Joint Compound by following all local, state and federal environmental disposal regulations.

APPLICATION GUIDELINES

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

Surface Preparation

SCT Flexible Joint Compound must be applied only to structurally sound, solid surfaces. Loose, crumbly, chalky surfaces or surfaces coated with oil-based finishes must be thoroughly cleaned and prepared prior to application of the SCT Flexible Joint Compound.

The surface must be clean, dry and free from all dust, dirt, oil, solvents, fungi, mildew or other contaminating materials that might prevent proper bonding. To remove contaminating materials, use a pressure washer or wire brush.

Follow the Palladium Textured Coating application manual in preparing all joints, seams, flashing, minor cracks, etc. prior to the application of SCT Flexible Joint Compound.

Application Temperature

SCT Flexible Joint compound should not be applied when temperatures are below 40° F., or 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.**

Note: There may be occasions when applying in subfreezing or rainy weather is unavoidable. In such cases, contact your Sealants & Coatings Technologies, Inc. representative for specific recommendations. A detailed application manual for the entire Palladium Textured Coating System is available from Sealants & Coatings Technologies, Inc. upon completion of training and certification seminar.

SCT Flexible Joint Compound may only be installed by professional stucco applicators who are FACTORY TRAINED AND CERTIFIED TO USE THIS PRODUCT. SCT Flexible Joint

Compound 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.

Note: Palladium and SCT Flexible Joint Compound are only sold to professional stucco applicators that are factory trained and certified to use this product.

AVAILABILITY / SUPPORT

Sealants & Coatings Technologies, Inc. products are available from the manufacturing plant in Charlestown, Indiana (800-899-3301), as well as a national network of distributors. Sealants & Coatings Technologies, Inc. will gladly provide technical support upon request. Visit our website to locate the distributor nearest you.

LIMITED WARRANTY

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.



1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Name of Product: Joint Compound (White)

Product Code: 2020

Other Means of Identification: White Liquid

Recommended Use: Joint Compound

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 – Joint Compound 2020

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: Joint Compound

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.

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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
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.

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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.

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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.

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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
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 8.83 pounds per gallon.

Flash Point: >200°F PMCC.

Upper Explosion Limit: Not established.

Lower Explosion Limit: Not established.

Solubility in Water: Miscible

Specific Gravity: 1.06 @20C(68F).

Weight per Gallon: 8.83 +/- 0.15 pounds

VOC: 0.19 pounds per gallon less water (23 g/l)

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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
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:
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.

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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

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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% wt
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

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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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