

UV GUARD® Premium Caulk

UV GUARD Premium Caulk is a professional strength sealant that forms a powerful adhesive bond and remains amazingly flexible, water resistant, and weather-tight for years.

USES

New Construction

UV GUARD Premium Caulk may be used on log home joints, coated or uncoated wood, sheet metal, masonry, stucco, most foam boards, drywall and painted surfaces. It is also ideal for caulking window and door frames, baseboards, molding, siding and trim, corner joints, pipes and vents.

Restoration

UV GUARD Premium Caulk is an excellent restoration/repair product for log checks, window and door replacement, and areas where extreme movement have occurred creating voids or gaps.

ADVANTAGES

- **Weather Barrier**
Provides an effective weather barrier that seals out moisture and air infiltration and significantly improves energy efficiency.
- **Excellent Adhesion**
Excellent adhesion to coated and uncoated wood, sheet metal, masonry, stucco, most foam boards, drywall and painted surfaces, steel, galvanized metal and aluminum.
- **Highly Flexible**
High elongation and flexibility characteristics.
- **Superior Durability**
Resists deterioration caused by extreme temperature cycling and contains highly effective UV blockers and stabilizers that protect from damaging ultraviolet degradation.
- **High Recovery**
Ideal for sealing joints with dynamic movement.
- **Easy to Apply**
Excellent tooling properties for superior appearance in visible joints such as log homes, window and door frames, siding and trim.
- **Non-Toxic**
Safe for interior and exterior use.
- **Excellent Paintable Surface**
Provides a paintable surface for acrylic latex paints.
- **Warranty**
Carries a limited lifetime warranty.



TECHNICAL INFORMATION

Available Colors

UV GUARD Premium Caulk is available in a variety of earth-tone colors. The colors are: White, Stone, Pine, Light Brown, Dark Brown, Golden Honey, Standard Gray, Light Gray, Standard Tan, Clear, Mocha, Burnt Umber, Yellowstone, and Western Tan. Custom colors are also available.

Texture

UV GUARD Premium Caulk has a smooth, satin finish when cured.

Recommended Thickness

UV GUARD Premium Caulk should not be applied over 1/4" thick. Refer to the application instructions and estimating guide for more information.

Physical Properties

Composition	Acrylic Latex
Viscosity	250,000-350,000 cps
Density	8 lbs. /gal ± .1
pH	8.5-9
% Solids	60% ± 1%
Elongation	300%
Temperature Range	-40° F. to 250° F.
Odor	Odorless When Dry
Toxicity	Non-Toxic
Shelf Life	2 Years
Stability	Salt Spray Stable
Test Procedure	ASTM-C834

Coverage Rates

The guide on the back of this sheet is offered to assist in estimating coverage and quantities required.

Dry Time

UV GUARD Premium Caulk skins over within 30 minutes, will be surface dry in 8- 10 hours and will be completely cured within 7-10 days under normal conditions. Actual times will vary depending on temperature, relative humidity and material thickness.

Packaging

UV GUARD Premium Caulk is available in 5 gallon pails, 30 oz. cartridges and 10.3 oz. cartridges.

Storage

UV GUARD Premium Caulk must be protected from freezing and stored in temperatures that do not exceed 90° F. Open 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 relidding the container. Do not store in direct sunlight.

Clean Up

Clean uncured UV GUARD Premium Caulk immediately from tools, hands and equipment with soap and water. If the material is allowed to dry, it may need to be removed with a solvent.



www.Weatherall.com

Manufacturing Facility:

106 Industrial Way | Charlestown, IN 47111

800-367-7068 | Fax: 812-256-2344 | www.Weatherall.com



APPLICATION GUIDELINES

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

Surface Preparation

The logs must be clean, structurally sound, dry (18% moisture content maximum) and free from any grease, paraffins, oils, petroleum distillates, urethanes or other surface contaminants that could inhibit the ability of the sealant to bond to the wood fibers. Any finish, whatever the composition, may be incompatible with the sealant system if the finish deposits a heavy film on the surface of the wood. The sealant must be able to bond to the wood fibers

Note: If you are about to apply a preservative or wood finish not provided by Weatherall Company, Inc., or if you are in doubt as to the compatibility of UV GUARD Premium Caulk to a previously applied preservative or wood finish, please contact Weatherall technical support prior to application of UV GUARD Premium Caulk.

Mill Glaze

Mill glaze, sometimes called planers glaze, which can be identified by a shiny appearance and/or cutter marks on the wood surface, is a cause of sealant and coating failure due to the lack of penetration through the compressed/glazed surface fiber. All mill glaze must be removed by lightly sanding the affected surface prior to the application of UV GUARD Premium Caulk.

Application Temperatures/Weather Conditions

UV GUARD Premium Caulk 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. Do not apply UV GUARD Premium Caulk to hot surfaces. When applying in very hot weather, it is recommended that the sealant be applied to the shaded side of the house.

Note: There may be occasions when applying UV GUARD Premium Caulk in subfreezing or rainy weather is unavoidable. In such cases, you should contact your Weatherall representative for specific recommendations.

Application Method

UV GUARD Premium Caulk can be applied using a commercial pump or caulking gun (bulk loading, air-powered or standard gun). Hold nozzle at a 45° angle to apply bead. Apply uniform pressure to form a smooth, even bead. Tool the bead to a smooth finish. For best results, cured beads should be between 1/8" - 1/2" wide and 1/8" - 1/4" deep. For joints that exceed 1/4" width, install a polyethylene, closed-cell backer rod before caulking.

Note: Do not use in below-grade applications or below water line.

AVAILABILITY/SUPPORT

Weatherall products are available from the manufacturing plant located in southern Indiana, as well as a global network of distribution partners. Visit our website to locate a distributor nearest you.

Weatherall Company, Inc. will gladly provide technical support upon request.

LIMITED WARRANTY

Warranty Statement

Weatherall Company, Inc. warrants satisfactory results from the use of UV GUARD Premium Caulk when installed in accordance with the application instructions provided by Weatherall.



Exceptions

This warranty does not cover failures due to the following: Fire, flood, natural disaster or any other acts of God; improper storage, handling or installation; plumbing leaks, faulty construction or settling that would exceed the material's normal elasticity.

Claims Notification

Notification of claims must be made in writing to Weatherall Company, Inc. and accompanied by the sales receipt. If UV GUARD Premium Caulk is proved to have failed, Weatherall Company, Inc. at its own discretion will replace failed material or refund the purchase price of the material only. Weatherall Company, Inc. reserves the right to inspect the jobsite by an authorized representative prior to settlement of any claims.

Weatherall's sole and complete responsibility for proved material failure is as set forth in this warranty. Weatherall Company, Inc. will not be held responsible for incidental, indirect or consequential damages including but not limited to 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 Weatherall representative.

ESTIMATING GUIDE FOR UV GUARD TEXTURED CAULK

Finished Joint Width	Per 5 Gallon Pail	Per 30 oz. Cartridge	Per 10.3 oz. Cartridge
1/4" x 1/8"	3080'	151'	51'
1/2" x 1/8"	1540'	76'	26'

Estimated numbers are actual mathematical conversions multiplied by 0.90 to give a 10% waste factor.

Safety Data Sheet – UV Guard Premium Caulk 1020

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

Effective Date: October 24, 2016



1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Name of Product: UV Guard Premium Caulk

Product Code: 1020

Other Means of Identification: Viscous Liquid

Recommended Use: Sealant

Supplier Information:

Company: Weatherall, Inc.
106 Industrial Way
Charlestown, IN 47111

Company Phone Number: 800-367-7068 (8:00 a.m. - 4:30 p.m. EST)

Emergency Phone Number: 812-256-3378

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	None, too viscous to enter easily airway	None	None	None

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2. HAZARDS IDENTIFICATION, continued

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

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

Carcinogenicity: NTP: no. IARC: no. OSHA: no. Product contains <0.2% quartz silica bound into the matrix but is not available to the user due to the high viscosity of the mixture. Product also contains <5% Titanium Dioxide which is bound into the matrix. Titanium Dioxide has been found to cause cancer in animals when it is unbound (blowing freely in the air) which is not the case in this product.

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: UV Guard Premium Caulk

Signal Word: Warning

Hazard Statements: H303, may be harmful if swallowed. 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.

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2. HAZARDS IDENTIFICATION, continued

Company Name: Weatherall, Inc.

Address: 106 Industrial Way
Charlestown, IN 47111

Phone Number: 800-367-7068

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:

H303 May be harmful if swallowed.

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
Quartz (SiO ₂)	14508-68-7	<0.2	0.3mg/m ³ total dust
Amorphous Silica	7631-86-9	<10%	80mg/m ³ nuisance dust
Titanium Dioxide	13463-67-7	<5%	15mg/m ³ nuisance dust

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: 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

Scoop up the high viscosity paste using appropriate tools and put in containers. 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.

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:

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
Quartz (SiO ₂)	14808-60-7	<0.2	0.3mg/m ³ total dust
Amorphous Silica	7631-86-9	<10%	80mg/m ³ nuisance dust
Titanium Dioxide	13463-67-7	<5%	15mg/m ³ nuisance dust

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Gelled Liquid.

Color: White.

Odor: Slight.

Odor Threshold: Not available.

pH Value: 8.5 to 9.4.

Melting Point: **Odor:** 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 7.92 pounds per gallon.

Flash Point: >200°F PMCC.

Upper Explosion Limit: Not established.

Lower Explosion Limit: Not established.

Solubility in Water: Miscible

Specific Gravity: 0.95 @20C(68F).

Weight per Gallon: 7.92 +/- 0.15 pounds

VOC: 0.29 pounds per gallon less water (35 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.

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11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50 Oral Rat Mg/kg
Propylene Glycol	57-56-6	<2	20000
Quartz (SiO ₂)	14808-60-7	<0.2	3160
Amorphous Silica	7631-86-9	<10%	10000
Titanium Dioxide	13463-67-7	<5%	10000

12. ECOLOGICAL INFORMATION

Hazardous Ingredients	CAS#	Percent w/w	LD50 Oncorhynchus mhykiss (rainbow trout)
Propylene Glycol	57-56-6	<2	Low toxicity to fish
Quartz (SiO ₂)	14808-60-7	<0.2	Low toxicity to fish
Amorphous Silica	7631-86-9	<10%	Low toxicity to fish
Titanium Dioxide	13463-67-7	<5%	Low toxicity to fish

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.

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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: None present.

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 State of California to cause cancer in laboratory animals and are available in trace amounts in this product:

Chemical	CAS Number	Notes
Quartz (SiO ₂)	14808-60-7	<0.2% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.
Titanium Dioxide	13463-67-7	<5% in bound matrix and not available to the user. This falls under the Safe Harbor Rule.

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 WEATHERALL COMPANY, INC. hereunder are given gratis and WEATHERALL COMPANY, 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 WEATHERALL COMPANY, INC. to make sure the information is still current.

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