

LIQUID FLASHING & DETAIL SEALANT

BarriBond

Description

BarriBond is a high-solids, silane-terminated polyether (STPE) based compound designed for detailing rough openings, penetrations, sheathing joints, countersunk screws, transitions, angle changes, and other critical details encountered in CCW Fluid-Applied Air Barrier Systems. BarriBond can also be used as a termination mastic over CCW Self-Adhered Sheet Flashing Membranes. BarriBond is a single-component, moisture-cured adhesive/sealant which is applied from a sausage caulking gun, then smoothed in place with a trowel or squeegee. BarriBond is offered in a signature blue color for easy identification in warranted CCW Air Barrier Systems. The product is formulated for clean, easy application over horizontal, vertical, and inverted surfaces.

Features and Benefits

- Simple system warranted by one manufacturer: Complete installation only requires CCW liquid membrane and BarriBond (2 products)
- Convenient 20 fl-oz. (0.6 L) Sausage pack: long shelf life, easy extrusion, minimal waste
- Highly Thixotropic Behavior: neat installation, no slumping or dripping, easy to trowel smooth
- High Solids: 1-coat application, fills cracks and gaps up to 1" (25.4 mm) wide, virtually no shrinkage after cure
- Flexible & Elastic: Forms a tough, durable, and seamless coating at critical details
- Rapid Cure: Resists rain within minutes of application. Resistant to standing water after cure
- Compatible with many common construction materials and CCW Air Barriers
- Low VOC, Low Odor
- No Shrinkage or Staining
- Resistant to Organic Growth

Application

Substrate Preparation

Surfaces shall be clean of oil, dust, dry, and sound with no excess mortar droppings. Concrete Masonry Joints shall be free of voids and shall be tooled or struck flush. Gaps from ¼" to 1" wide shall be fitted with backer rod. Joints receiving backer rod shall provide a sealant depth of at least a ¼" but not more than ½". Acceptable substrates include Concrete Masonry Units, mortar/grout, concrete, exterior grade gypsum board, plywood, OSB, wood, aluminum, galvanized metal, and anodized aluminum. Any damaged gypsum sheathing should be replaced. Voids or irregularities in concrete or masonry substrates should be patched using a cementitious patching compound as needed.



1 Detail



2 Apply



3 Trowel



4 Check

LIQUID FLASHING & DETAIL SEALANT

BarriBond

Use of BarriBond in CCW Air Barrier Systems

Acceptable CCW Membrane Products	Acceptable Applications
Sheet Products	
Fire-Resist 705 FR-A	Surface prep (installed before wall membrane): Gap Fill, Fillet Beads
Fire-Resist 705 FR-A LT	
Fire-Resist 705 VP	
CCW-705	Membrane Detailing: Rough Openings, Pipe/Duct Penetrations, T-Joints, Reverse Laps, Field-Cut Edges, Corner Pinholes, Screw/Hardware Penetrations, Membrane Terminations
CCW-705 LT	
CCW-705 HT	
CCW-705 TWF	
CCW-705 TWF LT	
Liquid Products	
Fire-Resist Barritech VP	Install before or after membrane: Gap Fill, Fillet Beads, Sheathing Board Joints, Screw Patches, Inside & Outside Corners, Rough Openings, Pipe/ Duct Penetrations, Screw/Hardware Penetrations, Transition to Neighboring WRB, Roof or Waterproofing System
Fire-Resist Barritech VP LT	
Fire-Resist Barritech NP™	
Barriseal®-S	
Barriseal-R	

BarriBond can be applied over or under all CCW Membrane products listed in the table above.

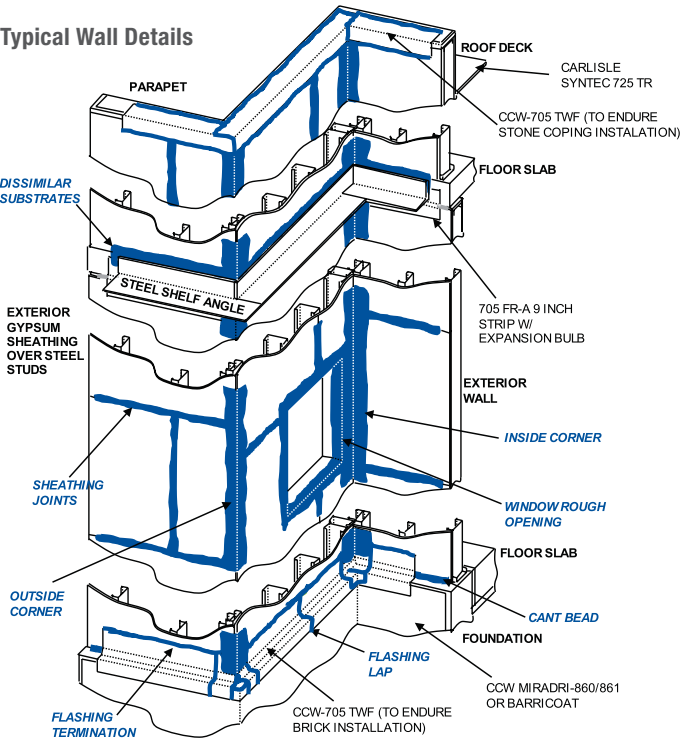
For best results, BarriBond should be stored above 50°F or warmer during wintertime applications. The sausage should be loaded into a suitable caulking gun. Cut nozzle orifice to user-preferred size and shape with a sharp utility knife or similar tool.

Compatibility

BarriBond is compatible with many common building materials including plywood, OSB, fire-treated wood, pressure-treated wood, concrete, CMU, glass-mat faced gypsum sheathing, aluminum, copper and PVC extrusion/pipe. BarriBond is also compatible with rigid foam insulation products including XPS, EPS, and R2+ Polyiso (foam core and facers).

BarriBond will not adhere to cured silicone. However, various silicone sealants commonly specified for sealing the window frame to the rough opening are compatible with cured BarriBond. These can be used to seal the window frame directly to cured BarriBond. Please consult CCW for a list of acceptable silicone window sealants.

Typical Wall Details



Liquid Flashing Application (Rough Openings, Pipe/Duct Penetrations, Inside/Outside Corners)

Apply BarriBond in serpentine beads over the substrate. Spread BarriBond using a squeegee or a trowel to provide full, uniform coverage over the substrate. Apply to openings, pipe/duct penetrations and inside/outside corners as shown in the respective CCW air barrier system standard details. Apply BarriBond at a uniform wet mil thickness of 40 mils (0.040 inch), continuously monitoring thickness with a CCW Wet Mil Thickness Gauge to assure adequate coverage. BarriBond can be applied in a single coat. To facilitate installation, joints and gaps between dissimilar substrates may be treated with BarriBond and allowed to cure firm before proceeding with trowel coverage of the liquid flashing area. Also, the raw edge of gypsum sheathing can be treated with CCW-702, 702 LV, or 702 WB to consolidate this substrate and facilitate coverage with BarriBond. In liquid flashing applications, BarriBond shall tie into the main CCW Air Barrier Membrane with a minimum 2 inch lap. CCW BarriBond can be applied over all CCW Air Barrier Membranes, or the CCW membranes can be applied over BarriBond, depending on construction progression.

Detailing Sealant Applications (Sheathing Joints, Dissimilar Substrates, Non-Moving Cracks, Termination Mastic):

BarriBond can be used to fill joints, seams, and cracks on common exterior building substrates. Joints ranging from ¼" to 1" width may be treated with BarriBond. All joints ¼" width or greater shall be filled with backer rod prior to the application of BarriBond. Apply a generous bead of BarriBond over joints, seams, or cracks. Tool BarriBond using a putty knife, trowel or similar tool. BarriBond shall fill the joint or crack and shall be capped with a "ribbon" of sealant, minimum of 40 mils (0.040 inch) thickness, and shall extend a minimum of 1 inch beyond each side of the joint. When using BarriBond to detail CCW 705, 705FR-A, or 705 TWF systems, a 1 inch wide by 40-mils thick ribbon of BarriBond shall be centered over CCW sheet membrane/flashing terminations, reverse laps, field cut edges and T-joints. BarriBond can also be applied as a cant bead in inside corner conditions.

Elastomeric Joint Sealant Application (Expansion/Control Joints, Window-Rough Opening Joint):

BarriBond can be used as an elastomeric joint sealant in conditions such as expansion or control joints in CMU or concrete walls and to seal the window/door frame to the rough opening. In these applications, the joint and substrates shall be clean, sound, dry and free of silicone or other bond-breaking contaminants. Joint shall be minimum ¼" width and maximum 1" width. Sealant depth shall be minimum ¼" and maximum ½". The joint shall be stuffed with closed cell polyethylene backer rod, or the bottom of the joint shall be taped with polyethylene bond breaker tape. Apply BarriBond into the joint and tool to a concave profile to assure complete fill of the joint and full contact with the substrate on each side of the joint.

Insulation Adhesive Application:

BarriBond can be used as an adhesive to bond rigid foam board insulation, including XPS, Insulfoam EPS, and R2+ Polyiso. Apply BarriBond in ¾" thick by 3" diameter dabs to the back of rigid insulation, spacing adhesive dabs no more than 16" on center and no more than 3" from board ends and edges. After application of BarriBond dabs, immediately press the insulation board against the wall surface before adhesive "skins". If BarriBond "skins" before insulation can be placed, remove and apply fresh material. Secure the lowest row of insulation with fasteners, or begin from a ledge or footing to prevent slump or movement during cure of BarriBond.

Limitations

Use BarriBond as directed in CCW's membrane air systems, or in water resistive barrier (WRB) systems by others as approved by CCW. BarriBond is not suitable for Permanent UV exposure, cover product with exterior finish. BarriBond can be exposed to UV for a maximum of 6 months or 180 days. BarriBond is not intended as a wear-resistant or traffic-resistant surface. BarriBond is not recommended for spanning joints in excess of 1 inch wide or for filling joints/gaps of more than ½" depth. Do not apply BarriBond over visibly damp or wet substrates or over wood substrates having moisture content measuring 20% or higher. CCW BarriBond should not be installed in below grade conditions.

Packaging

BarriBond is packaged in 20 fl-oz sausages. Shelf life in original, unopened packaging is 12 months, provided the product is stored between 40°F and 80°F, 50% maximum relative humidity. Store BarriBond sausages in a cool, dry place protected from precipitation and direct sunlight.

Specifications

ASTM C 920 Type S, Grade NS, Class 25, Use NT

Federal Spec TT-S-00230C Type II, Class A

LIQUID FLASHING & DETAIL SEALANT

BarriBond

Typical Properties

Property	Method	Results
Color		Blue
Membrane Thickness: CCW AVB & Applications: 40 mils		40 mils wet/ 38 mils dry
Liquid Flashing Theoretical Coverage Rate		6.27 SQ FT/ 20 fl-oz sausage
% Solids		96%
VOC	Directive 2004/42/ EG	26 g/L
Application Temperature		20°F to 110°F*
Service Temperature		Minus 40°F to 200°F
Cure Time		40 mil membrane: 24 h @ 75°F/50% RH
Tack Free Time	ASTM C 679	20 minutes
Open Time		Approx. 5 minutes @ 75°F/50% RH
Tensile Strength	ASTM D 412	400 psi
Tensile Elongation	ASTM D 412	500%
Movement Capability	ASTM C 719	± 25%
Hardness – Shore A	ASTM C 661	50 ± 5
Maximum UV Exposure		6 months

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.



AIR & VAPOR BARRIER

Compatible Sealants

	CCW-705		CCW Barriseal®		CCW Barritech™ NP		CCW Barritech VP	
Common Sealants	Under	Over	Under	Over	Under	Over	Under	Over
CCW LM-800XL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CCW-201	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Carlisle Universal Single-Ply Sealant	No	Yes	No	No	Yes	Yes	Yes	Yes
Carlisle Lap Sealant	No	Yes	No	No	Yes	Yes	Yes	Yes
Sonneborn NP1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sonneborn NP2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SikaFlex® 1A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SikaFlex 2C NS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tremco Dymonic®	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tremco Dymeric® 240FC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tremflex® 834	No	No	No	No	Yes	No	Yes	No
Pecora Dynatrol I	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Pecora Dynatrol II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pecora AC-20/AC-20 PLUS	No	No	No	No	Yes	No	Yes	No
DAP Alex PLUS	No	No	No	No	Yes	No	Yes	No
Chemlink Novalink	No	Yes	No	No	Yes	Yes	Yes	Yes
Dow 758	No	Yes	No	No	No	Yes	No	Yes
Dow 790	No	Yes	No	No	No	Yes	No	Yes
Dow 791	No	Yes	No	No	No	Yes	No	Yes
Dow 795	No	Yes	No	No	No	Yes	No	Yes
GE Silpruf®	No	Yes	No	No	No	Yes	No	Yes
GE Silpruf LM	No	Yes	No	No	No	Yes	No	Yes
Pecora 890	No	Yes	No	No	No	Yes	No	Yes
Pecora 895	No	Yes	No	No	No	Yes	No	Yes

Notes: Allow Solvent-Based sealants to cure before covering with CCW AVB Membranes. Follow application instructions by sealant manufacturer. Do not install 1-Component sealants into joints exceeding ½" depth. Other sealants can be used as approved by Carlisle Coatings & Waterproofing.

Safety Data Sheet

Material Name: BarriBond

Product #:

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

BarriBond

Synonyms

Sealant / Adhesive

Product Use

Indoor, outdoor water based duct sealant

Restrictions on Use

For industrial use only.

Phone Numbers:

Medical Emergency

CHEMTREC (USA): 800-424-9300

MSDS Assistance; 972-442-6545

Technical Assistance: 888-229-2199

Customer Service: 888-229-0199

Manufacturer Information

Carlisle Coatings and Waterproofing, Inc.

900 Hensley Lane

Wylie, TX 75098

www.carlisleccw.com

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Reproductive Toxicity – Category 2

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Suspected of damaging the unborn Child

Precautionary Statement(s)

Prevention

Wear protective gloves/protective clothing / eye protection

Reportable ingredients for labeling

Bis-trimethoxysilylpropylcarbamato-polypropylenglycol

Polypropyleneglycol

Safety Data Sheet

Material Name: BarriBond**Product #:**

Calcium carbonate
Hydrophobic Silica
Dioctyltin dilaurate
Titanium Dioxide

Other Hazards

Product hydrolyses under formation of methanol (CAS no. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damage to organs. Methanol is highly flammable.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characteristics

Silane-terminated polyether + filler +auxiliary.

CAS	Component Name	Percent
2768-02-07	Trimethoxy vinylsilane	<2.0
13822-56-5	3-(trimethoxysilyl) propylamine	<2.0
14808-60-07	Quartz	<0.3
13463-67-7	Titanium Dioxide	<1.0
3648-18-8	Dioctyltin dilaurate	>0.1 - <2.0

Type: HYD - by-product upon hydrolysis, INHA – ingredient, NEBE – by-product, MONO – residual monomer, VERU – impurity, VUL – by-product upon vulcanization. ***NOTE: C1 – IARC carcinogen, C2 – NTP carcinogen, C3 – OSHA carcinogen, NH – non-hazardous, R – reproductive toxin.

Substances listed in the Subsections “HAPS” and “California Proposition 65 Carcinogens / Reproductive Toxins” that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricable bound in the product.

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

Get medical attention immediately if irritation or symptoms occur. Before seeking medical remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

Inhalation

If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

Safety Data Sheet

Material Name: BarriBond

Product #:

Skin

If contact with skin, immediately flush skin with plenty of water for at least 15 min. Wash with soap and water.

Eyes

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

Ingestion

For ingestion, if conscious, give no more than two glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids. Get medical attention immediately.

Note to Physicians

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

Section 5 - FIRE FIGHTING MEASURES

Flammable Properties:

Flash point	> 200°C (>392°F)
Boiling point/boiling range	not applicable
Lower explosion limit (LEL)	not determined
Ignition temperature	not determined

Method

(ISO 2692)

Fire and Explosion Hazards:

Material support combustion. Vapors are heavier than air and may travel along the ground, be moved by ventilation systems, settle in pits or low areas, and be ignited by ignition sources distant from the handling point. The material is lighter than water, burning spilled material will float on top of any water released from hose or sprinkler systems spreading the fire beyond the initial fire response area. Never use welding or cutting torch on or near any container of this material, even if empty, because an explosion could occur.

Extinguishing Media

Suitable Extinguishing Media

Water mist, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media

Sharp water jet.

Special Hazards Arising from the Chemical

Hazardous decomposition products: carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide, nitrogen oxides and incompletely burnt hydrocarbons

Advice for firefighters

Cool endangered containers with water. Fire fighters should wear full protective clothing including a self-contained breathing apparatus.

Safety Data Sheet

Material Name: BarriBond

Product #:

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapors.

HAZWOPER PPE Level: D

Methods and Materials for Containment and Cleaning Up

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free number (800) 424-8802.

Environmental Precautions

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Exhaust vapors.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10.

Precautions Against Fire and Explosion

Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

Conditions for Safe Storage, Including any Incompatibilities

Make sure there is no possibility of entering the ground.

Incompatible Materials

Not applicable.

Further Information For Storage

Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Methanol	67-56-1
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Safety Data Sheet

Material Name: BarriBond

Product #:

ACGIH:	200 ppm TWA	250 ppm STEL
	Skin - potential significant contribution to overall exposure by the cutaneous route	
OSHA:	200 ppm PEL; 260 mg/m ³ PEL	

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Safety glasses with side shields. Additional eye and face protection, splash-proof goggles, hood, full-faced respirator, or face shield is recommended if splashing occur.

Respiratory Protection

Respiratory protection is not normally required. A NIOSH approved air purifying respirator equipped with universal multi-containment, multi –gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur.

Glove Recommendations

Any liquid-tight rubber or vinyl rubber protective gloves

Other Protective Clothing or Equipment

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

General Hygiene And Protection Measures

Avoid contact with eyes, skin and clothing. Avoid breathing dust/vapor/mist/gas/aerosol. Do not eat, drink or smoke when handling. Follow standard industrial hygiene practices when using this material. Wash thoroughly after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	blue paste	Physical State	paste
Odor	Characteristic	Color	blue
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	>200°C (>392°F)
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available

Safety Data Sheet

Material Name: BarriBond

Product #:

Water Solubility	Not applicable	Partition coefficient: n-octanol/water	Not available
Viscosity	600,000 cps. at 23°C (73°F)	Solubility (Other)	Not available
Density	1.5 g/cm ³	VOC	26 grams per liter

Other Information

Explosion limits for released methanol: 5.5 - 44% (V).

Section 10 - STABILITY AND REACTIVITY

Reactivity

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Conditions to Avoid

Moisture

Incompatible Materials

Reacts with: water. Reaction causes the formation of: methanol.

Hazardous decomposition products

Under effect of humidity, water & protic agents: methanol.

Further Information

Hazardous polymerization cannot occur.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Skin Contact

Based on the available data a clinically relevant skin irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

Eye Contact

Based on the available data a clinically relevant eye irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

Germ Cell Mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive Toxicity

No data available.

Safety Data Sheet

Material Name: BarriBond

Product #:

Specific Target Organ Toxicity - Single Exposure

No data available.

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Aspiration hazard

No data available.

Additional Data

Quartz has been classified by IARC as carcinogen group 1 (“carcinogen to humans”) and by NTP as known to be human carcinogen. No component of this product present.

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Assessment based on ecotoxicological tests with similar products under consideration of the physical-chemical properties: For this product no effects on aquatic organisms, relevant or classification, are expected. According to current knowledge adverse effects on water purification plants are not expected.

Persistence and Degradability

Silicone content: Biologically not degradable. Separation by sedimentation.

Data Related To Ingredients

Product Of Hydrolysis (Methanol)

The product of hydrolysis (methanol) is readily biodegradable.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Other Toxicity

No additional information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Safety Data Sheet

Material Name: BarriBond

Product #:

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not regulated

IATA Information:

UN#: Not regulated

IMDG Information:

UN#: Not regulated

TDG Information:

UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status And TSCA Information

This material or its components are listed on or are in compliance with the 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 product does not present any SARA 311/312 hazards.

SARA 313 Chemicals

This material does not contain any SARA 313 chemicals above the minimum levels.

HAPS (Hazardous Air Pollutants):

CAS No.	Chemical	Upper Limit Wt. %
67-56-1	Methanol	0.1477
68-12-2	N,N-Dimethylformamide	0.0004

U.S. State Regulations

California Proposition 65 Carcinogens

14808-60-7 Quartz

Safety Data Sheet

Material Name: BarriBond

Product #:

California Proposition 65 Reproductive Toxins

67-56-1 Methanol

Massachusetts Substance List

1317-65-3 Calcium carbonate, 14808-60-7 Quartz

New Jersey Right-to-Know Hazardous Substance List

14808-60-7 Quartz

Pennsylvania Right-to-Know Hazardous Substance List

1317-65-3 Calcium Carbonate

14808-60-7 Quartz

Canadian Regulations

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all the information required by the CPR.

WHMIS Hazard Classes: None.

DSL Status: This material or one or more of its components is not listed on the Canadian Domestic Substances List.

Canadian Ingredient Disclosure List: 14808-60-07 Quartz

Details of International Registration Status

South Korea (Republic of Korea)

ECL (Existing Chemicals list):

This product is listed in, or complies with, the substance inventory.

Australia

AICS (Australian Inventory of Chemical Substances):

This product is listed in, or complies with, the substance inventory.

Canada

DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

Philippines

PICCS (Philippine Inventory of Chemicals and Chemical Substances): This product is listed in, or complies with, the substances inventory.

United States of America (USA)

TSCA (Toxic Substances Control Act Chemical Substances Inventory): This product is listed in, or complies with, the substances inventory.

Safety Data Sheet

Material Name: BarriBond

Product #:

European Economic Area (EEA)

REACH (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported in the EEA by customers or the downstream users must be fulfilled by the latter.

Section 16 - OTHER INFORMATION

Summary of Changes

New SDS: March 3, 2015

Key / Legend

ACGTH – American Conference of Governmental Industrial Hygienists; DOT – Department of Transportation; hPa – Hectopascals; mPa*s – Milli Pascal-Seconds; OSHA – Occupational Safety and Health Administration; PEL – Permissible Exposure Limit; ppm – Parts per Million; SARA – Superfund Amendments and Reauthorization Act; STEL – Short Term Exposure Limit; TSCA – Toxic Substances Control Act; TWA – Time Weighted Average; WHMIS – Canadian Workplace Hazardous Materials Identification System

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0259

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 09/30/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: AVB Sealant REV 1

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

<i>Item</i>	<i>Package</i>	<i>Code</i>	<i>Rev.</i>	<i>Copies</i>	<i>Date</i>	<i>Description</i>	<i>Status</i>
Submittal		072726-012	2		09/30/2016	AVB Sealant REV 1	Submitted

NOTES:

CC:

Signed: _____
Devin Gates