



TECHNICAL DATA SHEET



WINDOW & SIDING CAULK

SBR100

GENERAL PURPOSE EXTERIOR REPAIRS

Description: OSI® SBR-100™ Window and Siding Caulk is a one component, medium grade, solvent release caulking compound. Formulated for year round use, it will extrude consistently and easily from 0°F to 100°F. This unique rubber based product air cures to form a tough elastomeric seal that maintains its bond under most weather conditions. It was developed primarily for the aluminum siding industry to eliminate the problems of extrusion, cut-off, stringing and dirt collection commonly found in oil-based and butyl caulking compounds. OSI® SBR-100™ requires virtually no tooling when applied as directed.

Available As:

Item #	Size	Color
827697	10 fl oz (295 ml)	Bronze
827695	10 fl oz (295 ml)	White

Recommended For:

OSI® SBR-100™ is ideal for use in all “low rise” residential construction including remodeling and remedial work where aesthetic appearance is desired and minimal joint movement is expected. The product is primarily used for caulking around windows, doors and siding to keep out unwanted air infiltration and weather while maintaining the energy efficiency of the home. OSI® SBR-100™ can also be used in areas where the need for a general purpose caulk may arise, such as repairing leaky downspouts and gutters. This product has been considered the first and only true original, one grade, all season caulking compound used by professionals for over 25 years.

For Best Results:

Not recommended for the following applications:

- Exterior use on “high rise” construction or commercial buildings exceeding 3 stories in height
- Applications as an expansion joint control sealant
- Sealing around bath tub or shower enclosures
- Bonding, polystyrene foams and polypropylene or polyethylene plastics
- Continuous water immersion
- Use as a traffic bearing sealant, on log homes or inside occupied structures
- Use on redwood, cedar and PVC (vinyls)
- Use on joints deeper than 3/8” (9.5 mm) without the use of backing material
- Use on areas where exposure to food may occur (i.e. food storage units)

Features & Benefits:

- For General Purpose Exterior Repairs
- Won't Collect Dust or Dirt
- Easy Extrusion in Cold Weather
- Paintable after Cure

Coverage:

For a 10 fl. oz. (295 mL) cartridge:

- A 1/4” (6 mm) bead extrudes approximately 29.1 ft. (8.9 m)
- A 3/8” (9.5 mm) bead extrudes approximately 12.9 ft. (3.9 m)



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Typical Uncured Physical Properties:

Color:	Bronze or White	
Appearance:	Lump-free paste	
Base:	Synthetic Styrene Butadiene Rubber and Resins	
Odor:	Slightly of solvent	
Specific Gravity:	1.271	
Flash Point:	105° F (40.6° C)	Uncured product is flammable
% Solids by Weight:	71%	
VOC Content:	30% by weight	CARB
	365 g/l	SCAQMD rule 1168
Shelf Life:	18 months from date of manufacture (unopened)	
Lot Code Explanation:	YYDDD YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 14061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply between 0°F (-18°C) and 100°F (38°C) For easier extrusion of sealant at lower temperatures, store cartridge at room temperature at least 24 hours prior to use	
Skin Formation Time:	30 to 40 minutes*	
Tack Free Time:	60 minutes*	
Cure Time:	7 days*	
	*Time is dependent on temperature, humidity and depth of sealant applied	
Extrusion force:	70 lbs 96 lbs	At 73°C (23°C) At 43°F (6°C)
Boeing Sag (15 min):	0.02 inches	ASTM D2202

Typical Cured Performance Properties:

Color:	Bronze or White	
Service Temperature:	-20°F (-29°C) to 200°F (93°C)	
Water Resistant:	Yes	
Paintable:	Yes, after sealant is fully cured	
Shrinkage:	27%	
Hardness:	60	Shore A
Elongation:	100%	ASTMD412 Die C
Movement Capability:	± 12%	ASTM C719
180° Peel Adhesion:		ASTM C794/C920
Fiberglass:	7 pli	
Coated Aluminum:	7 pli	
PVC:	8 pli	
Vinyl:	5 pli	
Specifications:	Meets the performance requirements of: <ul style="list-style-type: none">ASTM C 920: Type S, Grade NS, Class 12.5, Use NT	



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Directions:**Tools Typically Required:**

Utility knife, caulking gun and tool to puncture inside seal of cartridge.

Safety Precautions:

Not recommended for use inside occupied structures. Wear gloves. Wash hands after use.

Preparation:

Apply sealant between 0°F (-18°C) and 100°F (38°C). For easier extrusion of sealant at lower temperatures the material should be kept at room temperature 24 hours prior to use. All surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Cut the tip off the cartridge at a 45° angle to desired bead size (3/8" is recommended) and puncture inner seal.

Application:

Using a caulking gun, apply sealant with steady pressure, forcing the sealant into the joint. If the depth of the joint exceeds 3/8" (9.5 mm) the use of a backer rod is recommended. Tooling of the sealant is not necessary or recommended. Sealant is paintable with a latex or oil-based paint after 7 days.

Clean-up

Clean tools and uncured sealant residue immediately with mineral spirits or paint thinner. Cured sealant must be carefully cut away with a sharp-edged tool.

Storage & Disposal:

NOT DAMAGED BY FREEZING. Store in a cool, dry place. Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

Label Precautions:

WARNING! COMBUSTIBLE. HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.

WARNING! Contains mineral spirits, 1,2,4-trimethylbenzene, and crystalline silica. **COMBUSTIBLE.** Do not use or store near heat, sparks or open flame. Do not smoke when using this product. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Use in a well-ventilated area. Avoid breathing vapors. Avoid contact with eyes and skin. Prolonged or repeated exposure may affect the nervous system causing dizziness, headache or nausea. If you experience eye watering, headache or dizziness, leave the area to obtain fresh air. Do not take internally. Wash thoroughly after handling. **FIRST AID:** If swallowed do not induce vomiting, call a physician or Poison Control center immediately. For eye contact flush with water for 15 minutes, call a physician. For skin contact wash thoroughly with soap and water. If overcome by vapors, get fresh air. **KEEP OUT OF REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage or may cause cardiac arrhythmia. **INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.**

Refer to the Safety Data Sheet (SDS) for further information.

Limited Warranty:

This product is warranted to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This limited warranty gives you specific legal rights, which vary from state to state. Henkel may be contacted at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET for warranty assistance.

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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OSI Tougher than the Elements. For Professional Use Only. The Battle will be Fierce.

OSI works side by side with residential builders, contractors and remodeling professionals who use our products everyday on their jobsites. OSI combines this deep understanding with the sophisticated global innovation and manufacturing excellence of Henkel to make the world's best professional-grade caulks, sealants and adhesives.

1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET

www.ositough.com



OSI Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

Henkel Corporation - Professional & Consumer Adhesives Headquarters - Rocky Hill, CT 06067

www.henkelna.com

Revision Date: 07/10/2014 Supersedes: 05/14/2009 Ref. #: W100 Post Date: 07/11/2014