



TECHNICAL DATA SHEET

Revision: August 22, 2026
Supersedes: New
Ref. #: 253075, 442501, 442483

Roof Sealant

DESCRIPTION

OSI® Roof Sealant is a professional-grade solvent-based sealant designed for roofing applications. Formulated to provide a permanently flexible, weather-resistant seal, it delivers excellent adhesion to a wide range of building materials, including asphalt, aluminum, concrete, PVC, vinyl, wood, and steel. The advanced formulation accommodates up to 25% joint movement while resisting UV exposure, cracking, yellowing, and deterioration caused by harsh outdoor conditions. OSI Roof Sealant cures to form a durable, long-lasting seal, making it ideal for roof flashings, penetrations, seams, and other critical exterior joints exposed to the elements.

Available as:

Item #	Color	Package	Size
3154028	Clear	Fiber Cartridge	10 fl. oz. (295 ml)
3154034	Clear	Plastic Cartridge	10 fl. oz. (295 ml)
3154033	White	Plastic Cartridge	10 fl. oz. (295 ml)
3154029	Black	Fiber Cartridge	10 fl. oz. (295 ml)
3154027	Black	Plastic Cartridge	10 fl. oz. (295 ml)
3154032	Gray	Plastic Cartridge	10 fl. oz. (295 ml)
3154031	Brown	Plastic Cartridge	10 fl. oz. (295 ml)
3154026	Bronze	Plastic Cartridge	10 fl. oz. (295 ml)
3154025	Beige	Plastic Cartridge	10 fl. oz. (295 ml)
3154023	Driftwood	Plastic Cartridge	10 fl. oz. (295 ml)
3154019	Terracotta	Plastic Cartridge	10 fl. oz. (295 ml)

FEATURES & BENEFITS

- All weather applications, 20°F – 100°F
- Permanently flexible for +25% joint movement
- UV and water resistant
- Will not crack or yellow
- Cures to a tough rubbery gasket
- Resists dust & dirt collection

RECOMMENDED FOR

OSI Roof Sealant is recommended for sealing and repairs on roof flashings, penetrations, seams, and exterior joints. Adheres to many building materials, including asphalt, aluminum, concrete, PVC, vinyl, wood, and steel.

LIMITATIONS

- For exterior use only
- Not suitable for use on EPDM, TPO, or PVC roofing membranes, copper, silicone or other types of petroleum-based seals such as butyl rubber
- Do not use for sealing expansion joints, including butt joints
- Do not use on joints immersed in water or applications requiring continuous water immersion
- Do not use as a traffic bearing sealant or on log homes
- Not compatible with polystyrene foams and polypropylene or polyethylene plastics
- Should not be used in applications less than 1/4" in depth or 1/4" wide in order to maintain the integrity of the sealant
- DO NOT TOOL, smear or feather on prefinished colored claddings (i.e. siding, trim) as this will reduce any sealant's ability to withstand UV exposure and joint movement, causing premature joint failure and color fading.

COVERAGE

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

- A 1/4" (6 mm) bead extrudes approximately 30.6 ft. (9.3m)
- A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.14m)



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TECHNICAL DATA

Typical Cured Performance Properties:

Color:	Clear and Various colors	Joint Movement:	± 25% ASTM C719
Service Temperature:	-20°F (-29°C) to 200°F (93°C)	Water Resistant:	Yes
Shrinkage:	~ 36% Clear & ~30% Colors	Paintable:	Yes, after full cure

Specifications: Meets the performance requirements of ASTM C920: Type S, Grade NS, Class 25, Use NT

Typical Uncured Physical Properties:

Color:	Clear and Various colors		Flashpoint:	Clear: 84.99°F (29.44°C) Colors: Burn rate < 2.2 mm / second
Base:	Synthetic Polymer		Shelf Life:	18 months from date of manufacture (unopened)
Odor:	Solvent		Lot Code	YYDDD
Specific Gravity:	Clear: 0.91 - 0.93 Colors: 1.29 - 1.33		Explanation:	YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 18061 = 61 st day of 2018 = March 2, 2018
VOC Content:	SCAQMD	CARB		
Clear	≤ 340 g/l	≤ 35.0% by weight		
Colors	≤ 194 g/l	≤ 1.5% by weight		

Typical Application Properties:

Application Temperature:	Apply between 20°F (-7°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 using		
Skin Formation	4 - 6 minutes*	At 72°F and 70% R.H.	
Cure Time:	7-14 days or longer*	* Cure time is dependent on temperature, humidity and depth of sealant applied	

DIRECTIONS

Tools Typically Required:

Utility knife and caulking gun.

Safety Precautions:

If used for an interior application, use proper ventilation to the outdoors during application and cure. Wear gloves. Wash hands after use.

Preparation:

Apply sealant between 20°F (-6.67°C) and 100°F (37.78°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 nozzle at a 45° angle to desired bead size (3/8" is recommended). Puncture inner seal.

Application:

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. Sealant skins over in about 4 to 6 minutes depending on temperature and humidity. Full cure within 7-14 days. Low temperature and high humidity will extend the skinning and cure time. User is responsible for determining suitability for their intended application.

Paintability: Sealant is paintable when fully cured. Full cure may take 7-14 days or longer depending on ambient conditions and volume of sealant used. Latex paint is recommended. If using oil based/alkyd paint, a latex primer should be used first. It is the responsibility of the applicator to conduct on-site testing to determine compatibility and adhesion. It is always recommended to use a color matched sealant where available. (NOTE: Paints are more rigid than sealants and may crack, wrinkle or lose adhesion during sealant movement in extreme conditions).

Clean-up:

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



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STORAGE

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

Clear:

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

WARNING! Contains xylene, mineral spirits and ethylbenzene. Vapors may ignite explosively. Do not use or store near heat, sparks or open flame. Do not smoke when using this product. Extinguish flames/pilot lights and turn off all sources of ignition (stoves, heaters, electric motors) during use and until all vapors are gone. Prevent build-up of vapor by opening all windows and doors to achieve cross ventilation. Use in a well-ventilated area. Avoid breathing vapors. Avoid eye and skin contact. 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 swallow. Wash thoroughly after handling. **FIRST AID:** If swallowed do not induce vomiting, call physician or Poison Control center. For eye contact flush with water for 15 minutes, call a physician. For skin contact, wash with soap and water. If overcome by vapors, get fresh air. **KEEP OUT OF THE REACH OF CHILDREN. 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. **KEEP OUT OF THE REACH OF CHILDREN.**

Colors:

WARNING! EYE, SKIN AND RESPIRATORY IRRITANT. MAY BE HARMFUL IF INHALED OR SWALLOWED

WARNING! Contains chloro-fluoro solvent, petroleum distillate, xylene and crystalline silica. Use in a well ventilated area. Prevent build-up of vapors by opening all windows and doors to achieve cross ventilation. Avoid breathing vapors and contact with eyes and skin. Prolonged skin contact may cause sensitization. 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. Wear gloves and eye protection. Do not swallow. **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 THE REACH OF CHILDREN. 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.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov.

Refer to Safety Data Sheet (SDS) for further information

LIMITED WARRANTY

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. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. 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.

DISCLAIMER

This product is warranted by Henkel Corporation 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. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET.



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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 every day 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.

For Technical Assistance call: 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.

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