



TECHNICAL DATA SHEET



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DESCRIPTION

OSI® GS-125™ Gutter Sealer is composed of SBR rubber and high quality resins, which cures to form a tough, rubbery seal that expands and contracts with the change of weather without cracking. Formulated especially for sealing aluminum, galvanized and vinyl clad gutters and downspouts.

RECOMMENDED FOR:

- Sealing around aluminum, galvanized and vinyl gutters and downspouts.
- Sealing seams, joints and cracks in gutter troughs
- May also be used on sheet metal work, air conditioning, heating ducts, ventilators, etc.

NOT RECOMMENDED FOR:

- Applications as an expansion joint control sealant
- Bonding, polystyrene foam and polypropylene or polyethylene plastics
- Joints deeper than 3/8" (9.5 mm) without the use of backing material
- Use indoors without proper ventilation to the outdoors during application and cure
- Use on copper

FEATURES & BENEFITS:

Feature	Benefits
Withstands moderate expansion-contraction cycles.....	Permanently flexible; Will not crack or split even over temperature extremes
Air cures into a tough, rubbery seal.....	Water Resistant
Convenient squeeze tube format.....	Great for smaller jobs
Low viscosity.....	Easier extrusion in cold temperatures

COVERAGE

A 7 fl. oz. (207 mL) squeeze tube will extrude approx. 21.4 ft. (6.5 m) of a 1/4" (6 mm) bead.
A 7 fl. oz. (207 mL) squeeze tube will extrude approx. 9.5 ft. (2.9 m) of a 3/8" (9.5 mm) bead.



Color	Item #	Package	Size
White	827686	Squeeze Tube	7 fl. oz.
Aluminum	827687	Squeeze Tube	7 fl. oz.
Brown	827688	Squeeze Tube	7 fl. oz.
White*	944648	Pail	5 gal.
Aluminum*	827689	Pail	5 gal.

DIRECTIONS

Tools Typically Required:

Utility knife and tooling device.

Safety Precautions:

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

Preparation:

Apply sealant between 40°F (4°C) and 120°F (49°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.

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 45 minutes depending on temperature and humidity. Low temperature and high humidity will extend the skinning and cure time. Tool sealant within 45 minutes after application.

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 AND 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.

PRECAUTIONS

EXTREMELY FLAMMABLE. Harmful or fatal if swallowed. Contains mineral spirits and naphtha solvents. Prevent build up of vapors. Vapors may cause flash fires. Use only in areas with cross ventilation. Open all windows and doors. Keep away from heat, sparks and open flames. Avoid breathing of vapors. Avoid prolonged or repeated skin contact. Overexposure to vapors is irritating to eyes and respiratory tract. May cause headaches, dizziness and is anesthetic. If overcome by vapors remove to fresh air. 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 CONTENT MAYBE HARMFUL OR FATAL.

Refer to Material Safety Data Sheet (MSDS) for further information.

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.

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	White, Aluminum and Brown	<u>Application Temperature:</u>	40°F (4°C) to 120°F (49°C)
<u>Appearance:</u>	Lump-free paste	<u>Skin Formation Time:</u> (At 72°F (22°C) & 70% Relative Humidity)	45 minutes
<u>Base:</u>	SBR Rubber	<u>Cure Time:</u> Note: Cure time is dependent upon temperature, humidity and depth of sealant.	7 days
<u>Odor:</u>	Solvent	<u>Boeing Sag:</u> (At Room Temperature)	0.5"
<u>Specific Gravity:</u>	0.91		
<u>Flash Point:</u> (Tag Closed Cup)	0°F (-17.78°C) to 5°F (-15°C) Uncured product is flammable.		
<u>% Solids by Weight:</u>	47%		
<u>VOC Content:</u>	< 500 g/L (53% by weight)		
<u>Shelf Life:</u>	18 months from date of manufacture (unopened)		
<u>Lot Code Explanation:</u>	YYDDD YY = Year DDD = Day of manufacture based on 365 days in a year		
(No lot code on tube. Lot code found on outer case.)	For example: 09061 = 61 st day of 2009 = March 2, 2009		

Typical Cured Performance Properties

<u>Color:</u>	White, Aluminum and Brown	<u>Service Temperature:</u>	0°F (-18°C) to 150°F (66°C)
<u>Shrinkage:</u> (ASTM D 2453)	60%	<u>Water Resistant:</u>	Yes
<u>Hardness, Shore A:</u>	40		
<u>Elongation:</u>	200%		
<u>180° Peel Adhesion:</u> (ASTM C794)	18 pli (On painted aluminum)		