



TECHNICAL DATA SHEET



Henkel Corporation
Professional and Consumer Adhesives
Avon, OH 44011
Phone 1-800-624-7767
Fax (440) 937-7067
www.henkel.com www.osipro.com



DESCRIPTION

OSI® RT-1000™ Elastomeric Roof Sealant is made using high quality SEBS Rubber Block Copolymers and synthetic resins. This unique blend of rubber and resin creates a sealant that is UV resistant, flexible, non-hardening and has excellent adhesion characteristics to most common roofing materials. RT-1000™ can be applied in temperatures below 20°F (-7°C) and even adheres to wet surfaces.

RECOMMENDED FOR:

RT-1000™ is a premium roof sealant ideal for sealing and patching cracks in roof surfaces. It can be used as a flashing sealant to seal around straight and step flashing and roof penetrations. RT-1000™ has excellent adhesion to brick, metal, asphalt shingles, fiberglass and is available in black and clear for use around chimneys, skylights, flashing and joints.

NOT RECOMMENDED FOR:

- Use inside occupied structures or in enclosed spaces
- Applications as an expansion joint control sealant
- Bonding, polystyrene foams and polypropylene or polyethylene plastics
- Continuous water immersion
- Use as a traffic bearing sealant
- Use on log homes
- Joints deeper than 3/8" (9.5 mm) without the use of backing material

FEATURES & BENEFITS:

Feature	Benefits
Flexible and non-hardening.....	Joint movement capability of ± 25%
Weatherproof.....	Withstands harsh environments
UV Resistant.....	Will not deteriorate
Adheres to wet surfaces.....	Can be conveniently applied in all weather conditions
Easy spreading and non-sagging.....	Easy to apply with less mess

COVERAGE

For a 10.2 fl. oz. cartridge:

A 1/4" (6 mm) bead extrudes approximately 32 ft (9.5 m).

A 3/8" (9.5 mm) bead extrudes approximately 14 ft. (4.26 m).

Color	Item #	Package	Size
Clear	1114366	Paper Cartridge	10.2 fl. oz. (301 ml)
Black	1082547	Paper Cartridge	10.2 fl. oz. (301 ml)

DIRECTIONS

Tools Typically Required:

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

Safety Precautions:

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

Surface Preparation:

Apply sealant between 20°F (-7°C) and 100°F (38°C). For easier extrusion of sealant at lower temperatures the material should be kept at room temperature at least 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 full cure

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

Clear contains xylene, mineral spirits, ethyl benzene and toluene. Black contains petroleum distillates and toluene.

WARNING! FLAMMABLE. Vapors may ignite explosively. Do not use or store near heat, sparks or open flame. Do not smoke when using this product. Extinguish all flames and pilot lights and turn off all sources of ignition, including stoves, heaters and electric motors, during use and until all vapors are gone. 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 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.** If this product is used in an OSHA regulated workplace consult the MSDS before use. **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 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.

