

# WHITE LIGHTNING®

## RTV

### All Purpose Silicone Sealant



#### PRODUCT DESCRIPTION

White Lightning® RTV All Purpose Silicone Sealant is a 100% medium modulus, single component silicone sealant that cures to form a tough, rubber-like seal. It can be applied overhead or on wall joints without sagging, slumping or running. White Lightning® RTV All Purpose Silicone Sealant adheres to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, painted surfaces, and many plastics. It has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in low temperatures without loss of extrusion or physical characteristics.

Application temperature: -20°F to 122°F (-29°C to 50°C)  
 Service temperature: -50°F to 375°F (-46°C to 191°C)

#### BASIC USES

White Lightning® RTV All Purpose Silicone Sealant can be used for the following: 1) Caulking and sealing joints in precast form work. 2) Sealing windows, doors, gutters, and soffits. **Caution:** White Lightning® RTV All Purpose Silicone Sealant can corrode or may not adhere to copper, brass, magnesium, zinc, and galvanized metals.

#### PRODUCT AVAILABILITY

Color	Product #	UPC	Size
Clear	WL099110C	023275991101	10.0 oz cartridge
Black	WL099111B	023275991118	10.0 oz cartridge
White	WL099112W	023275991125	10.0 oz cartridge

#### PREPARATION & USE

##### Application:

1. Remove all existing caulk.
2. Clean thoroughly to remove all loose material, grease, dirt, oil, wax, loose paint, dust and soap film.
3. Remove mold/mildew with bleach (4:1 mix, water to bleach), and detergent that does not contain ammonia. Rinse surfaces and allow to dry.

-Unscrew nozzle, cut cartridge nub, screw on nozzle.

-Cut nozzle top 45° angle.

-Load cartridge into caulk gun.

-Squeeze trigger to start flow of caulk and work caulk into joint.

-Smooth caulk with proper tool.

##### Clean up:

Mineral spirits, promptly clean tools and excess caulk; wash hands with soap and water.

##### Cautions:

See MSDS

##### Limitations:

For best results, apply at temperatures above 40°F. Do not apply to frozen or frost covered surfaces. Not for use below grade, on aquariums or for marine use below the water line.

#### PROPERTIES

##### Uncured (Tested at 77°F, 50% Relative Humidity)

Flow, Sag or Slump	None
Working Time	10 min
Surface Cure Time	25 min
Specific Gravity	0.97 g/ml

##### As Cured (Tested after 7 days at 77°F, 50% Relative Humidity)

Hardness, Shore A	17	Points
Ultimate Tensile Strength	2.0	Mpa
Ultimate Elongation	570	%
Modulus at 100%	0.4	Mpa
Movement Capability	+/- 25	%



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### CAUTIONS

Use in well-ventilated areas and avoid breathing vapors. On contact, uncured sealant irritates eyes. Flush eyes with luke warm water. Call a physician. Avoid skin contact and do not ingest. **Keep out of reach of children.** For complete safety information consult the Material Safety Data Sheet. Sealant releases acetic acid (vinegar like odor) during cure.

### SHELF LIFE AND STORAGE

Shelf life is 12 months from date of manufacture when stored in clean, dry area with temperature between 40°F to 90°F (4°C to 32°C). For best results, keep the sealant in tightly closed containers when not in use.

### LIMITED WARRANTY

If when applied according to label directions within one year from date of purchase this product fails to perform to your satisfaction, as your sole remedy we will replace the product at no cost or refund the original purchase price with proof of purchase. Labor or costs associated with labor not included. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER.