

TECHNICAL DATA SHEET

MIGHTY SEAL BIOCID

PRODUCT DESCRIPTION

Mighty Seal Biocide is one-part, fungicidal, silicone rubber sealant designed to seal nonporous surfaces around ceramic tile, showers, tubs, sinks and plumbing fixtures where conditions of high humidity and temperature extremes exist.

PRODUCT FEATURES

- Resists mildew even in prolonged hot and humid environments
- Resists staining, spotting and color change
- Remains flexible-will not shrink, crack, crumble or dry out
- Is ready-to-use as supplied
- Resists moisture, hot cooking oils and free steam
- Adheres to many nonporous surfaces such as porcelain, painted areas and glass without the use of primer

USES

- Sealing around shower-tub enclosures, tubs, sinks and around urinals
- Sealing around bathroom fixtures
- Waterproofing rimless sinks
- Ceramic tile grouting

LIMITATIONS

- Not recommended for continuous water immersion, nor for floor joints where abrasion and physical abuse are encountered.
- It should not be applied to:
 - Porous surfaces such as masonry
 - Building materials that bleed oils or solvents, such as impregnated wood and certain partially vulcanized rubber gaskets, tapes or adhesives
 - Totally confined spaces, because sealant needs atmospheric moisture to cure

TECHNICAL DATA

Table 1: Physical Properties (Typical Data)

Parameters	Results
1. Color	White
2. Slump (on 1/8 x 4 inch bead)	Nil
3. Tack Free Time, <i>minutes</i>	15-20 minutes
4. Cure Time (using 1/8-inch thickness), <i>hours</i>	24 hours
5. Special Properties	Mildew and Moisture Resistant
6. Benefits	Long-life reliability; permanently flexible; good appearance
7. Relative VOC	29 g/L

INSTRUCTIONS FOR USE:

SURFACE PREPARATION:

Thoroughly clean and dry surface from oil, dirt and grease.

METHOD:

1. Cut nozzle to desired size.
2. Insert cartridge into caulking gun.
3. Push sealant ahead for uniform bead size.
4. Excess sealant should be cleaned off tools and nonporous surfaces while it is in the uncured state using a commercial solvent.

Note 1: Tooling is recommended and if possible, should be completed in one continuous stroke. Tool joints within 10 minutes of application. Remove masking tape before a surface skin has formed.

Note 2: Clean the joint surface on both new and old jobs.

Note 3: Use masking tape before applying sealant and remove immediately after a bead is completed and before a skin forms (7-15 minutes).

CAUTION SEALANT RELEASES ACETIC ACID DURING CURE. USE WITH ADEQUATE VENTILATION. Direct contact of uncured sealant irritates eyes and may irritate skin. Overexposure to vapour may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands.

IN CASE OF EYE CONTACT: Flush eyes with water for 15 minutes. Then seek medical attention.

IN CASE OF SKIN CONTACT: Remove from skin and flush with water.

KEEP OUT OF REACH OF CHILDREN.