Revision: October 16, 2007
Supersedes: NEW
Ref: wdm748t

TECHNICAL DATA SHEET

POLYSEAMSEAL®

TUB & TILE ULTRA

Henkel Corporation
Professional and Consumer Adhesives
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Color	Size	Packaging	Item #
White	6 oz. 10 oz.	Squeeze Tube Plastic Cartridge	828222 828221
Clear	6 oz. 10 oz.	Squeeze Tube Plastic Cartridge	828220 828219
Biscuit	6 oz. 10 oz.	Squeeze Tube Plastic Cartridge	828224 828223

DESCRIPTION

Polyseamseal® Tub & Tile ULTRA is a superior performing sealant made for humid areas such as kitchens and baths. It contains BioGuard™ an antimicrobial agent that helps prevent unsightly stains and odor caused by mold and mildew growth on the caulk surface. Added silicone increases durability and flexibility giving a watertight seal. Polyseamseal® Tub & Tile ULTRA dries to a high gloss sheen.

RECOMMENDED FOR

Sealing around bathtubs, sinks, shower stalls, tiles and plumbing fixtures. Excellent adhesion to ceramic, porcelain, glass, fiberglass composites, enamel, aluminum, stainless steel, wood, many plastics and wallboard.

NOT RECOMMENDED FOR

- Applications below 40°F (5°C) and above 100°F (38°C)
- Continuous water immersion
- Use under shower door tracks, below water line, on mirrors, in aquariums,
- Architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- Joints deeper than ½" without use of a backer rod

FEATURES & BENEFITS

Feature	Benefits
Permanently flexible and durable	Long lasting, professional finish
Contains BioGuard™	Inhibits mold & mildew growth
Easy clean up	Uncured adhesive cleans up easily with soap and water
Water-resistant	Ideal for humid or steamy areas
Paintable and durable	Long lasting, professional finish
Water-based adhesive	Low odor, non-toxic, non-flammable
Available in 10 or 6 fl. oz. sizes	Two convenient sizes for different size projects

COVERAGE

A 6 fl. oz. (177 mL) squeeze tube will extrude approx. 18 ft. (5.6 m) of a ¼" (6 mm) bead.
A 10 fl. oz. (295 mL) cartridge will extrude approx. 30 ft. (9.5 m) of a ¼" (6 mm) bead.

DIRECTIONS

Tools Typically Required:
Utility knife, caulking gun and tooling device.

Safety Precautions:
Well-ventilated area. Gloves.

Preparation:
Apply sealant between 40°F (5°C) and 100°F (38°C). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Mask both sides of the joint. Cut the tip off the cartridge at a 45° angle to desired bead size (minimum of 1/8").

Application:
Using a caulking gun, apply sealant with steady pressure, forcing the sealant into the joint. Smooth bead immediately with a wet finger or a tool. Remove masking tape immediately after tooling and wipe excess off of hands and tools. Sealant is paintable with a latex or oil-based paint after 2 hours. Wait 24 to 48 hours before exposing to water. Note: Clear sealant will extrude white and then turn to clear as it cures.

Clean-up
Clean tools and sealant residue immediately with warm water and soap. Cured sealant may be carefully cut away with a sharp-edged tool.

STORAGE AND DISPOSAL

DAMAGED BY FREEZING. Store in temperatures above 40°F (5°C) and below 100°F (38°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

PRECAUTIONS

CAUTION! Wash hands after handling. Avoid contact with eyes and skin. Do not take internally. If swallowed, seek medical attention immediately. Keep from freezing. KEEP OUT OF THE REACH OF CHILDREN.

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

Color:	White and Biscuit (Note: Clear product extrudes white and turns to clear as it dries.)
Appearance:	Lump-free paste
Base:	Acrylic latex
Odor:	Mild
Viscosity:	
Colors:	400,000 to 560,000 cps
Specific Gravity:	
Clear:	1.06
Colors:	1.26
Density:	
Colors:	8.6 to 9.2 lb/gallon
% Solids:	
Clear:	60%
Colors:	70%
VOC Content:	
Clear:	1% by weight (15 g/L)
Colors:	1% by weight (4 g/L)

Typical Application Properties

Application Temperature:	Apply between 40°F (5°C) and 100°F (38°C)
Tack-Free Time:	15 to 30 minutes
Cure Time:	24 to 48 hours (Cure time is dependent on temperature, humidity and amount of product used.)
ATS Extrusion:	28 lbs
Channel Slump: (ASTM C 639)	0.00 to 0.32”

Typical Cured Performance Properties

Color:	Glossy white / Biscuit / Clear
Elongation: (ASTM D412)	580%
Shore A Hardness: (ASTM C 661)	64
Paintable:	Yes, after 2 hours with a latex or oil-based paint.
Water Resistant:	Wait until sealant is fully cured before exposing to water (24 to 48 hours).
Extension Recovery: (ASTM C736)	100%

Service Temperature:	0°F (-18°C) to 180°F (82°C)
Tensile Strength: (ASTM D412)	306 psi
Peel Adhesion: (ASTM C 794)	
Aluminum Dry	12 pli
Glass Dry	10 pli
Wood Dry	45 pli
Vinyl Dry	13 pli
Aluminum Wet	10 pli
Vinyl Wet	19 pli