



Technical Data Sheet

Tile Paste Adhesive – Acrylic Base
Product No. 0497, 0498

Description

An acrylic/water based adhesive for permanently bonding many types of floor & wall tiles; mosaic, plastic, ceramic, metal, vinyl, rubber, linoleum, cove base & plastic bricks.

Key Features

- Mildew Resistant @ Full Cure
- Ideal Paste Consistency
- Easy Application & Tooling
- Troweling Not Usually Necessary
- Excellent Adhesion to Many Tiles
- Water Clean Up
- Low Odor
- VOC Compliant

Uses

Use to permanently install or replace many types of tile, including mosaic, plastic, ceramic, linoleum & cove base.

Surface Preparation

Surface & back of tile must be clean, dry & free from dirt, dust, grease, oil, mildew, wax & old adhesive. Apply only when adhesive, air, tile & substrate temperatures are 40F to 90F (see minimum temperature limits on tile directions).

Remove mildew by scrubbing with a solution of 4 oz. TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before applying adhesive.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Dab Tile Paste Adhesive @ the center & each corner of a tile. For plastic, brick or stone tile, apply a dab @ the center of each rib & apply tile to surface.
3. Wipe away excess with a damp cloth before adhesive skins.
4. Wait 48 to 72 hrs before grouting. Allow adhesive to cure 48 to 72 hrs before using shower. (Cooler temperatures &/or higher humidity will extend cure time)

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	14.0 +/- 1.0
Specific Gravity	Calculated	1.68
Total Non Volatile % Solids (Weight)	Computrac Analyzer	81.0 +/- 1.50
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	10 sec +/- 3
Consistency/Appearance	Visual Observation	Smooth/Creamy/Thixotropic Paste
pH (initial)	pH Meter	7.90 +/- 0.10
Odor	Subjective	Mild Acrylic
Base Polymer	Known	Acrylic Emulsion
Pigment	Known	Calcium Carbonate
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	> 200F (94C)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 Year @ 77F
Slump	ASTM D2202 Jig	< 0.15
Tack Free Time	ASTM D2377	< 30 minutes
Storage Conditions	Test Lab	40F to 90F
Application Temperature	Test Lab	40F to 90F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20 to 180F
Tooling	Test Lab/Field Evaluation	Excellent
Shrinkage	Test Lab	< 30%
Adhesion @ Final Cure	Test Lab	Excellent

Clean Up

Water or Mild Soap & Water

Color

White

For Best Results

- Apply adhesive in temperatures between 40F (& rising) & 90F.
- Store adhesive @ temperatures between 40F & 90F.
- Do not use on automobiles or for applications below waterline.
- Do not attempt to thin adhesive
- Do not use on tiles larger than 6 X 6.

Packaging

HDPE Squeeze Tube

Limitations

- Allow adhesive to cure 48 to 72 hrs before grouting.
- Allow adhesive to cure 48 to 72 hrs before using shower.
- Cooler temperatures &/or higher humidity will extend cure time.

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (See MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>N/A</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>< 1.5%/wt, < 25 g/L</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information) WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Titanium Dioxide added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List.

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels or separates from substrate, it will be replaced without charge upon presentation of proof of purchase and used packaging. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION