



Atlas Minerals & Chemicals, Inc.



DATA SHEET

EP-2-SS (11-22)

EPOXYBOND® PUTTY SINGLE-STICK

DESCRIPTION AND USES

EPOXYBOND PUTTY SINGLE-STICK contains both Resin and Hardener in one tube. Cures White – Sets in 20-30 minutes. It is ideal for smaller applications and DIY users. EPOXYBOND PUTTY SINGLE-STICK is a hand-moldable, extremely versatile epoxy putty that adheres readily to practically any clean surface—dry or damp. Bonds, seals or fills: concrete, metal, aluminum, copper, brass, plaster, wood, brick, ceramic, PVC and many other plastics. After curing, it can be drilled, sawed, sanded, and painted. Use EPOXYBOND PUTTY SINGLE-STICK to repair castings and machinery parts, patch ductwork, secure hooks and fittings, seal cracks in concrete, metal, ceramic, terra-cotta, plaster or hard-board.

PACKAGING

EPOXYBOND PUTTY SINGLE-STICK



48 STICKS (4 OZ)
4 x single-stick boxes each containing:

12 x 4 oz. single-stick cartridges



96 STICKS (2 OZ)
4 x single-stick boxes each containing:

24 x 2 oz. single-stick cartridges

MIXING AND APPLICATION

Roughen and clean the area to be repaired before mixing and applying. Use impermeable gloves when mixing and handling.

- ❶ **CUT** or break off required amount.
- ❷ **MIX** thoroughly by kneading to a uniform color.
- ❸ **FIX** – apply to properly prepared surface within 5-10 minutes of mixing. For best adhesion, press firmly into area. If needed, wrap repair with tape where necessary to hold repair in position until it begins to set.

For best results: Dampen gloved fingers for easier mixing and to smooth the applied material. Remove excess material before putty begins to set.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Working Life	5 to 15 minutes
Shelf Life at 75°F (24°C)	1 year minimum
Compressive Strength	8,000 psi. (55 MPa)
Density	118 lb. / cu. ft.
Shrinkage	< 1%
Temperature Limits	
Continuous	-40 to 250°F (-40 to 121°C)
Intermittent	-40 to 300°F (-40 to 149°C)
Color	White

Not intended for structural applications
*Not to be used for specification purposes

TYPICAL WORKING AND SETTING TIME

EPOXYBOND PUTTY SINGLE-STICK has a 5-15 working life and sets in 20-30 minutes. Full cure is typically achieved in 1-2 hours. Times will vary depending on temperature.

CLEAN-UP AND DISPOSAL

Equipment should be cleaned with soap and warm water before the materials referred to in this Data Sheet begin to set. Methyl Ethyl Ketone (MEK) or alcohol will have to be used after the material has begun to harden.

Dispose of residues and wastes in accordance with the directions in the Safety Data Sheets and government regulations.

STORAGE AND SHELF LIFE

Store all materials in a cool, dry environment. Keep all materials out of direct sunlight. Ideal storage temperature is 75°F (24°C). Protect from freezing. In unopened original containers, the materials referred to in this Data Sheet have a minimum shelf life of one year.

PRECAUTIONS

The materials referred to in this Data Sheet present handling and potential health hazards. Consult Safety Data Sheets and the container labels for complete precautionary information.



CALIFORNIA PROPOSITION 65

WARNING: This product can expose you to Silica and Titanium Dioxide which are known to the state of California to cause cancer. For more

NOTE: ATLAS makes it a practice to continuously update and enhance our EPOXYBOND® products. For the most recent version of any Data Sheet, please visit our Web site at www.atlasmin.com/epoxybond.

information go to www.P65Warnings.ca.gov.

Note: Exposure should only occur if cured material is sanded.

TECHNICAL SERVICES

ATLAS maintains a staff of Technical Service Representatives who are available to assist you with the use of ATLAS products. In the event of difficulties with the application of ATLAS materials, the installation should be stopped immediately, and ATLAS' Technical Service Department consulted for assistance.

WARRANTY

ATLAS warrants that its products will be free from defects in workmanship and materials under normal use for a period of one (1) year from the date of shipment by ATLAS (provided the products are installed before the expiration of the shelf life). THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR THE PURPOSE FOR THIS PRODUCT WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ATLAS' LIABILITY FOR ALLEGED BREACH OF THIS WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT (BUT NOT INCLUDING REMOVAL OF THE DEFECTIVE PRODUCT OR INSTALLATION OF REPLACEMENT PRODUCTS). ATLAS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES DURING THE WARRANTY PERIOD OR THEREAFTER. **ATLAS' WARRANTY IS VOIDED IF PAYMENT FOR PRODUCT IS NOT RECEIVED IN FULL.**