



# Epoxy.com Product #6sc

## Long Pot Life Adhesive Paste

### DESCRIPTION

Epoxy.com Product #6SC is a 100% solids, two-component, moisture-insensitive, epoxy resin system containing no solvents. When mixed at a 2:1 ratio by volume, it produces a non-sagging material that is ideal for repairs on vertical or overhead surfaces. **PRODUCT #6SC** meets or exceeds the requirements of ASTM - C881-87, Types I, II, and IV, Grade 3 Class "B" and "C"

### ADVANTAGES

**PRODUCT #6SC** will bond to wet or dry surfaces. It may be feather-edged, and will not shrink. It has excellent resistance to gasoline, oil, sewage, and aggressive water.

### WHERE TO USE

Patching vertical or overhead concrete surfaces. Setting bolts or dowels in a horizontal plane. Gap filling adhesive for non-mating structural surfaces. **PRODUCT #6SC** is readily dispensed into narrow slots and holes from cartridge dispensers.

### PROPERTIES

Pot Life (neat)	70°F (21°C) $\pm$ 2° 60 min.
Tack-free Time (15 mils thick)	8 hrs. min. $\pm$
Final Cure	7 days

### PHYSICAL PROPERTIES AFTER CURE

Compression ASTM C-109	7 days 7,100 p.s.i 14 days 9,500 p.s.i $\pm$ 500
Tensile (neat) ASTM C-307	7 days 1,200 p.s.i 14 days 1,400 p.s.i
Tensile (neat) ASTM D-638	7 days 3,000 p.s.i 14 days 3,700 p.s.i
Compression (neat) ASTM C-109	14 days 9,500 p.s.i $\pm$ 500

**\*\*PRODUCT #6SC**, is tested against normal setting epoxy resins with 1/2 hour pot life at 70°F (21°C), should be tested at 7 days; if specimens are cured at 90°F (32°C), they can be tested at 3 days.

## APPLICATION

Surfaces must be clean and sound. Remove rust, grease, and curing compounds by best means available. **PRODUCT #6SC** may be applied to dry, damp, or wet surfaces, but not in standing water. Apply at a rate of 100 sq. ft. (9.29 sq. meters) per gallon on smooth surfaces when bonding new concrete to old. Coverage will be less on rough surfaces.

## LIMITATIONS

The temperature of the components of **PRODUCT #6SC** must be in excess of 60°F (16°C) when mixed to achieve proper cure. Application to surfaces with a temperature below 55°F (13°C) greatly prolongs cure.

## CAUTION:

Society of the Plastics Industry (SPI) Classification and Warning for "A" Components: **FOR INDUSTRIAL USE ONLY! WARNING!** May cause skin sensitization or other allergic responses. Avoid inhalation of vapor. Use good ventilation, particularly if the material is heated or sprayed. Prevent all contact with skin and eyes. Wear protective clothing, goggles, gloves, and/or barrier creams. If contact with skin occurs, wash immediately with soap and water. In case of contact with eyes, flush immediately with water and contact with eyes, flush immediately with water and contact a physician.

Manufacturing Chemists Association (MCA) Warning for "B" Components: **CAUTION! DANGER!** Causes severe burn. Contains alkaline amines; strong sensitizer. Do not get into eyes, on skin or clothing. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling **FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Wash clothing before reuse. Discard contaminated shoes. Wear protective clothing, goggles, gloves, and/or barrier creams.

**FOR INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN**

For more information please contact:

[Epoxy.com](http://Epoxy.com).

**352-489-1666 (Phone)**

**352-465-3497 (Fax)**

[info@epoxy.com](mailto:info@epoxy.com)

[www.epoxy.com](http://www.epoxy.com)

This information is presented in good faith to assist in determining whether this product is suitable for application. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights reserved. Epoxy.com a division of Epoxy Systems, Inc. warrants its products (when properly stored) for the period of time as follows: Epoxies, Product #315, Product #315BC, and Product #316 one (1) year; Polyesters, Methyl Methacrylates (normal) two (2) months and Polyurethanes Four (4) months; Power Tools and Equipment 90 days; Vinyl Esters, High Molecular Weight Methacrylates (HMMA) and all other resins (not specifically mentioned above) 30 days; hand tools (non-power tools) 30 days. Epoxy.com warrants that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Epoxy.com. If any product fails to meet this warranty, the liability of Epoxy.com will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Epoxy.com within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). Epoxy.com may in its discretion refund the price received by Epoxy.com in lieu of replacing the material. No customer, distributor, or representative of Epoxy.com is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Epoxy.com. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy.com reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. Epoxy.com'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND Epoxy.com SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. All quotes and sales subject to availability.