

PSC 2631 Epoxy Patching Additive

PSC 2631 is a polymeric thickening powder consisting of white, inert and very fine high density fibers. It is used in combination with PSC epoxy systems as a patching material needed to prepare floors before coating applications. It is safer to use when compared with other materials that become airborne more easily, it is also more economical because low addition levels are required to get a paste-like consistency. It is inert, easy to mix and use and does not affect the cure rate or pot life. The patch created is as strong as concrete and resistant to chemicals, abrasion and mechanical loads and can be sanded to get a more even surface. The patch and surrounding concrete can be optionally coated with a variety of PSC coatings for additional protection and uniformity of appearance.

General data

Color	White
VOC	0
Packaging	1 Kg (1000 g.) packaged in a 5 USG Pail
Density	0.95 g/cm ³
Shelf life	3 years in unopened container, 6 months after original packaging has been opened.

Coverage and Addition rate.

Coverage will vary according to size and depth of the patch being created. The following addition rates were found when testing the product under controlled conditions in the Lab at 20 °C. Lower temperatures will require less product and higher temperatures will require more additive to get the same consistency. Lesser amounts yield a more smooth flowing mix, higher amounts result in a very thick paste. In order to guarantee good adhesion to the substrate is recommended not to work with a very dry mix.

PSC 2301 (sold separately)	2 Quarts Resin 1 Quart Hardener	160 g PSC 2631 Epoxy Patching Additive
PSC 2304 (sold separately)	1 Quart Resin 1 Quart Hardener	90 - 100 g PSC 2631 Epoxy Patching Additive.

These are approximate quantities. It is up to the applicator to decide the ratio to use and the amount to mix on site.

Surface preparation

Clean concrete of all bond-inhibiting coatings and impurities. The area to be repaired must be clean, sound, dry and above +15 C (+60 F) and less than +30 C (+86 F).

Application

Wear safety glasses and rubber gloves. Provide good ventilation. Avoid skin contact. All mixing equipment and containers must be clean and dry. Parts A and B must be mixed thoroughly in exact ratios for proper curing. Mix only as much product as can be applied within the pot life.

Measure all the parts into separate containers and according to the mixing ratio of the epoxy system used. Mix Part 'B' into Part 'A'. Thoroughly mix with a low speed drill mixer for two to three minutes. Avoid excessive mixing or creating air bubbles. Add PSC 2631 slowly, mixing after each addition to avoid lump formation. Scrape the sides and the bottom of the container, mix thoroughly.

Clean up

Equipment should be cleaned immediately after use with solvents such as PSC Epoxy Reducer.

Safety

We certify that PSC 2631 Epoxy Patching additive is formulated without lead, mercury, asbestos and chromates.

Precautions

Do not hand mix the product. At higher addition rates the product will be visible if a clearcoat is applied on top. Also at higher addition rates bonding to the substrate may be compromised, prime the area where the patching paste is to be used.

Keep out of reach of children. Avoid all personal contact. Use rubber gloves, eye protection. Use adequate ventilation. If the TLV is exceeded or if product is used in poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state, provincial and local regulations. Avoid breathing vapors.

Seal containers after using the product, protect it from moisture. Empty containers may contain hazardous residue. All warning labels must be observed until containers are commercially cleaned, reconditioned or disposed according to local regulations.

First aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. Seek immediate medical attention. In case of skin contact, wash affected areas with soap and water. If irritation persists, seek immediate medical attention. If inhalation causes physical discomfort, persists or any breathing difficulty occurs, seek immediate medical attention. If swallowed, seek immediate medical attention. For more information refer to the Material Safety Data Sheet.

Warranty and limitations of damages

Polymer Science Corporation (PSC) warrants its Products to be of good quality, and will replace or, at the discretion of PSC, refund the purchase price of any Product proven to be defective. Satisfactory results depend not only upon the quality of Products, but also upon many factors beyond the control of PSC. Therefore, except for such replacement or refund, PSC makes no warranty or guarantee, express or implied, including warranties or fitness for a particular purpose or merchantability respecting its Products, and PSC shall have no other liability thereto. Buyer shall notify PSC in writing of any alleged defect in the Product within ten (10) days after discovery thereof and shall identify such defect in such manner and provide such documentation with respect thereto as PSC may reasonable require. Buyer shall return any alleged defective Product to PSC F.O.B. manufacturing plant of PSC, upon receipt of written request from PSC. No claim will be considered without such written notice. This warranty does not apply to any Product which has been abused, altered, modified, used in a manner not originally intended, used after the shelf life of the Product, or stored or applied in a manner contrary to the written instructions from PSC. Buyer shall determine the suitability of the Products for the intended use and assume all risks and liabilities in connection therewith. No agent, employee or representative has any authority to bind PSC to any affirmation, representation or warranty except as stated on this Product Information Sheet.

Limitation of remedies. PSC shall have no liability to any person for indirect, incidental, consequential or special damages of any description, whether arising out of warranty or other contract, negligence or other tort, or otherwise. The Buyer and User expressly agree that the limitations to indirect, incidental, consequential and special damages set forth herein are agreed allocations of risk. Under no circumstances shall PSC's liability to Buyer and User with regard to the sale and use of the Product exceed the purchase price paid by Buyer for the Products.

For orders or inquiries from Canada, US and Mexico, call toll free 1-866-793-3503, or fax your orders to PSC's customer service at 403-287-2766.

Polymer Science Corporation develops and manufactures specialty chemicals, industrial and architectural coatings of highest quality. Ask the people who use them.