

## Technical Data Sheet



5531

## Pre-Primer / Tack Coat

**PRODUCTION DESCRIPTION**

General Polymers 5531 PRE-PRIMER / TACK COAT is a unique reactive polymeric system that de-greases, de-waters, sanitizes and reacts with substrates to enhance adhesion.

5531 PRE-PRIMER / TACK COAT is suggested for use with 3504 HIGH SOLIDS PRIMER/SEALER when applying an epoxy system.

**ADVANTAGES**

- Enhanced adhesion to:
  - Ceramic tile
  - Quarry tile
  - Acid brick
  - Glass
  - Furan grouts
- De-greases
- Dewaters
- Improves intercoat adhesion

**TYPICAL USES**

5531 PRE-PRIMER / TACK COAT improves adhesion of epoxy or polyurea coatings and overlayments to vitreous substrates such as ceramic tile, quarry tile, glass, polished granite, acid brick and furan grouts.

**LIMITATIONS**

- Slab on grade requires vapor/moisture barrier.
- Substrate must be structurally sound and free of bond inhibiting contaminants.
- During application and initial cure cycle substrate and ambient air temperature must be at a minimum of 45F. Substrate temperature must be least 5F above the dew point (for lower temperature application contact the Technical Service Department).
- When required, adequate ventilation shall be provided and proper clothing and respirators worn.
- Extinguish all sources of ignition during the entire installation cycle.
- All foodstuffs must be removed from the work areas and areas subject to fumes during the installation and initial cure.
- Shelf life @ 77F is one (1) year from date of shipment.

**TYPICAL PHYSICAL PROPERTIES @ 73F**

Mix Ratio A:B	Single Component
Color	Clear
VOC (Volatile Organic Content)	
EPA method 24	Compliant
SCAQMD Method 304	Compliant
Solids, by volume	5%
Coverage	500-1,000 sq. ft. per gallon
Flash Point	53F

**SURFACE PREPARATION**

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

**STORAGE / APPLICATION**

- **MATERIAL DELIVERY AND STORAGE**  
Store materials in accordance instructions, with seals and labels intact and legible. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. One year shelf life is expected for products stored between 50°F - 90°F.

- **APPLICATION INSTRUCTIONS**

1. The vitreous substrate must be structurally sound. Greasy, oily surface should be cleaned with hot soapy solution like Spic & Span. Followed by xylene solvent wipe.
2. Lightly sand all surfaces paying particular attention to grout joints. A steel brush will help. Vacuum dust.
3. Premix 5531 using a low speed drill and Jiffy blade Mix for one minute and until uniform, exercising caution not to introduce air into the material.
4. Brush or roll a liberal amount making sure all surfaces are uniformly covered. The 5531 contains isopropyl alcohol (take proper precautions).

5. As soon as isopropyl alcohol has flashed off of the 5531 (typically 30-60 minutes) check for spots you might have missed. Typically, they are shiny spots along grout lines or divots. Touch up by rubbing 5531 into these spots with a clean rag. For further information, contact the Technical Service Department.

## **CHEMICAL RESISTANCE**

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact the Technical Service Department.

## **Cleanup**

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

## **Safety**

Refer to the MSDS sheet before use. All applicable federal, state, local and particular plant safety guidelines must be followed during the handling and installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

## **Maintenance**

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

## **Shipping**

- Destinations East of the Rocky Mountains are shipped F.O.B. Cincinnati, Ohio.
- Destinations West of the Rocky Mountains are shipped F.O.B. Victorville, California.

For specific information relating to international shipments, contact your local sales representative.

## **Disclaimer**

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Consult [www.generalpolymers.com](http://www.generalpolymers.com) to obtain the most recent Product Data information and Application instructions.

## **Warranty**

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams, NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

