



# Splash Zone™

## Underwater Epoxy Putty Compound

### DESCRIPTION

Five Star® Splash Zone™ is a 100% solids, two-component epoxy putty compound recommended for top-sealing of Five Star® PileForm™ F (FRP) jackets at, above, or below the waterline in fresh or salt water splash zones. It forms an excellent bond to concrete, steel, wood, aluminum, fiberglass and Five Star® PileForm™ F (FRP) jackets.

### ADVANTAGES

- Easy to use 1:1 mix ratio
- No VOCs—environmentally sound
- Excellent adhesion to concrete, steel, wood, fiberglass and aluminum
- Can be applied underwater
- Resistant to solvents and chemicals
- Does not contain highly toxic Nonylphenol

### PACKAGING AND YIELD

Five Star® Splash Zone™ is available in a 1.78 gallon unit (410 cubic inches/6.74 liters).

### SHELF LIFE

Two years in original unopened packaging when stored in dry conditions at 50°F - 90°F (10°C - 35°C).

Typical Properties of 70°F (21°C)			
<b>Solids by Volume</b>		100%	
<b>Mixing Ratio by Volume (A:B)</b>		1:1	
<b>Color</b>		Medium Gray	
<b>Working Time</b>		30 Minutes	
<b>Dry to Touch</b>		2 Hours	
<b>Dry Hard</b>		4 Hours	
<b>Full Cure</b>		7 Days	
<b>Shore D Hardness (ASTM D2240)</b>			
4 Hours		30-50	
1 Day		45-70	
<b>Adhesion (ASTM D4541)</b>			
Steel (Dry)	500 psi (3.5 MPa)	Fiberglass (Dry)	300 psi (2.1 MPa)
Steel (Wet)	250 psi (1.7 MPa)	Fiberglass (Wet)	200 psi (1.4 MPa)
<b>Adhesion (ASTM C1583)</b>			
Concrete (Dry)	300 psi (2.1 MPa)		
<b>Nonylphenol</b>		0.00%	

*The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.*

\* Note: Does not contain Nonylphenol which is an EPA and REACH Regulated Marine Toxin.

## PLACEMENT GUIDELINES

**SURFACE PREPARATION:** Surfaces must be clean, sound, and free of any marine growth, dirt, oxidation, rust or other bond-inhibiting contaminants. High-pressure water blasting or abrasive blasting of surfaces is recommended. Coat areas as soon as possible after surface preparation to minimize corrosion to newly prepared surfaces.

**MIXING INSTRUCTIONS:** Using gloved hands (rubber or latex) combine one part by volume of Component A with one part by volume of Component B (1:1 ratio). Pre-wet gloves to avoid product from sticking during mixing. Mix and knead Component A and Component B together until a uniform medium gray color is obtained. To prevent adhesion, re-wet gloved hands only as necessary during mixing. Immediately after mixing, apply material by hand evenly in 1/8" to 1/2" lifts to desired thickness. Firmly work material into substrate, displacing air or water.

**CLEAN-UP:** Paint thinner, acetone or similar solvent may be used for clean up tools and equipment.

**NOTE: PRIOR TO APPLICATION, READ ALL PRODUCT PACKAGING THOROUGHLY.** For more detailed placement procedures call Five Star Products' Engineering and Technical Service Center at 1-800-243-2206.

## CONSIDERATIONS

- Minimum application temperature of substrate is 50°F (10°C) and rising.
- Do not thin with solvents.
- When applied underwater or brought in contact with water before cure, the product will change color and develop a soft film.

## CAUTION

Irritant, toxic, strong sensitizer. Contains epoxy resin and amine. This product may cause skin irritation. Do not inhale vapors. Provide adequate ventilation. Protect against contact with skin and eyes. Wear rubber gloves, long sleeve shirt, goggles with side shields. In case of contact with eyes, flush repeatedly with water and contact a physician. Areas of skin contact should be promptly washed with soap and water. Wash thoroughly after handling. Do not take internally. Keep product out of reach of children. Keep container closed when not in use. **PRIOR TO USE, REFER TO SAFETY DATA SHEET.**

For worldwide availability, additional product information and technical support, contact your local Five Star® distributor, local sales representative, or call Five Star Products' Engineering and Technical Service Center at 1-800-243-2206.

SKU / PRODUCT CODE	DESCRIPTION	#UNITS/PALLET	UNIT SIZE
32402	Five Star® Splash Zone™ Compound	50	Resin (A): 12.3 lbs. (5.6 kg) Hardener (B): 11 lbs. (5.0 kg)

**EXCLUSIVE WARRANTY; DISCLAIMER OF LIABILITY:** "FIVE STAR MARINE, INC. (FSM) WARRANTS THAT FSM PRODUCTS ARE MANUFACTURED TO (i) BE FREE OF MANUFACTURING DEFECTS AND (ii) MEET FSM'S CURRENTLY PUBLISHED SPECIFICATIONS FOR PHYSICAL PROPERTIES, PROVIDED THAT THE FSM PRODUCTS ARE APPLIED IN ACCORDANCE WITH FSM'S DIRECTIONS AND TESTED IN ACCORDANCE WITH ASTM INTERNATIONAL AND FSM STANDARDS. IN THE EVENT THAT A FSM PRODUCT FAILS TO SATISFY THE FOREGOING WARRANTY, FSM WILL REPLACE THE DEFECTIVE FSM PRODUCT; PROVIDED, HOWEVER, PRIOR TO PROVIDING SUCH REPLACEMENT, FSM MAY REQUIRE THE RETURN TO FSM OF ANY UNUSED, DEFECTIVE OR ALLEGEDLY DEFECTIVE FSM PRODUCT, FREIGHT PREPAID, AND FSM SHALL HAVE THE RIGHT TO INSPECT ANY PROJECT IN WHICH ALLEGEDLY DEFECTIVE FSM PRODUCT HAS BEEN APPLIED AND TO INTERVIEW PERSONNEL AND REVIEW ASSOCIATED RECORDS RELATING TO THE USE OR APPLICATION OF ALLEGEDLY DEFECTIVE FSM PRODUCTS. EXCEPT AS SET FORTH ABOVE, WITH REGARDS TO THE FSM PRODUCTS, FSM MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY NATURE WHATSOEVER, EITHER EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. FOR THE AVOIDANCE OF DOUBT, THE FOREGOING IS INTENDED AS A SOLE AND EXCLUSIVE REMEDY FOR ANY FSM PRODUCT DEFECT, AND FSM SHALL NOT BE LIABLE FOR DAMAGES OF ANY SORT ARISING FROM THE USE OF FSM PRODUCTS, INCLUDING PUNITIVE, ACTUAL, REMOTE, OR CONSEQUENTIAL DAMAGES, AND WHETHER RESULTING FROM CLAIMS OF BREACH OF CONTRACT, BREACH OF ANY WARRANTY (WHETHER EXPRESS OR IMPLIED) OR FROM ANY OTHER CAUSE WHATSOEVER. WITHOUT LIMITING THE FOREGOING, FSM SHALL NOT BE LIABLE IN THE EVENT THAT THE USE OF FSM PRODUCTS INFRINGES ANY PATENT OR OTHER INTELLECTUAL PROPERTY OR PROPRIETARY RIGHT OF ANY THIRD PARTY."

**Five Star Products, Inc.**

**Corporate Headquarters**

2 Enterprise Drive, Suite 303

Shelton, CT 06484 USA

Tel: +1 203-336-7900 • Fax: +1 203-336-7913

FiveStarProducts.com

Specifications Subject to Change.

For most current version of datasheet, go to [FiveStarProducts.com](http://FiveStarProducts.com)

© 2022 Five Star Products, Inc. | 11/08/2022

na12381eng Rev. G | American Owned & Operated

