



Spec Data

MANUFACTURER
Mark Tool & Rubber Co, Inc.
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(SRC-90) **SPLASHTRON REPAIR COMPOUND**

**100% Solids High-Performance
Rubberized Epoxy**

PRODUCT DESCRIPTION:

SRC-90 is a two component, no VOC's (Volatile Organic Compound), 100% Solids High-Performance Rubberized Epoxy paste that has been developed for long term immersion service in saltwater, applications. This product displays outstanding physical properties. This product also displays excellent chemical resistance, thermal stability and UV resistance. **SRC-90** was developed specifically for the repair and rehabilitation of SPLASHTRON as filler & as adhesive to adhere SPLASHTRON to steel.

APPLICATION EQUIPMENT SUGGESTIONS:

These products may be applied by spatula or trowel.

INSTALLATION RECOMMENDATIONS:

Surface Preparation:

For high strength structural bonds; paint, oxide films, oils, dust, mold release agents and all other surface contaminants must be completely removed. The following cleaning methods are suggested for Splashtron & steel surfaces.

Steel (Mechanical Abrasion):

- Wipe free of dust with oil-free solvent such as acetone or alcohol solvents.
- Sandblast or abrade using clean fine grit abrasives.
- Wipe again with solvents to remove loose particles.

Splashtron surfaces:

- Wipe free of dust with oil-free solvent such as acetone or alcohol solvents.
- Clean and abrade using a wire wheel on an angle grinder.
- Wipe again with solvents to remove loose particles.

Mixing

Mix part A and part B, using proper mixing ratio, by volume. Thoroughly mix using a paint mixer on a 3/8" drill; mix the two components until a uniform color results.

If the uncured epoxy is too thin, and tends to run or sag, you may need to add Thickening Agent and allow it to sit for 10 to 15 minutes after mixing and it will acquire sufficient viscosity and tackiness to make the application easier.

TYPICAL PHYSICAL PROPERTIES : RESULTS

TENSILE STRENGTH, PSI	ASTM D412	5140±100
ELONGATION,	ASTM D412	18%±10
TEAR STRENGTH, PLI	ASTM D624	115± 30
HARDNESS, SHORE D	ASTMD2240	70-75
FLEXIBILITY, 1/8" MANDREL	ASTM D1737	>45°
TABER ABRASION, MG LOSS	ASTM D40	
CS 17 WHEELS	1KG, 1000 REVS	<.1mg
VISCOSITY B-SIDE (75°F)	CPS	
paste		
VISCOSITY A-SIDE (75°F)	CPS	
paste		
WATER ABSORPTION	ASTM D471	
		nil

TYPICAL PROCESSING PROPERTIES:

GEL TIME	30 min. @70°F
TACK FREE TIME	12 hr. @ 70°F
VOLUME RATIO	V:V 1:1

CLEAN-UP/DISPOSAL:

Clean uncured product off of tools with a solvent such as acetone or MEK. The un-cured portions should be disposed of according to local, state, and federal laws. Cured product may be disposed of without restriction.

SAFETY & HANDLING:

MSDS will be mailed immediately upon receipt of a purchase order or upon request. All personnel should read and understand the safety recommendations. All body parts should be covered and activated charcoal respirators (at a minimum-forced air is preferable) are necessary for safe application of this product. Keep uncured product away from children at all times.

SHELF LIFE & STORAGE:

Greater than 1 year, sealed/unopened at 70°F

PACKAGING:

SRC-90 is available 1 gallon kits and quart kits

SHIPPING INFORMATION:

SRC-90 can be shipped via most commercial truck lines.

CHEMICAL RESISTANCE:

ASTM D3912 MOD. 3 DAY IMMERSION

<u>Chemical</u>	<u>Result (25°C)</u>
Acetic Acid (5%)	R
Anti-freeze	R
Brake Fluid (DOT3)	RC
Diesel Fuel	R
Gasoline	R
Hydrochloric Acid (20%)	R
Motor Oil	R,Dis
Sodium Hydroxide (10%)	R
Sulfuric Acid (10%)	R,Dis
Transmission Fluid	R
JP-4 (Jet Fuel)	RC
Xylene	RC

R = Recommend = Little or no Visible Damage

RC = Recommend Conditional = Some Effect-Swelling,
Discoloration

C = Conditional = Cracking—Wash Down Within One Hour
of Spillage to Avoid Effects

NR = Not Recommended

Dis = Discoloration Only

ADHESION RESULTS:

ASTM D-4541 Patti Tester

NACE 5 Blasted cold rolled steel 3120 900 PSI

WARRANTY:

The technical data and any other printed information furnished by Mark Tool & Rubber Co, Inc. is true and accurate to the best of our knowledge. **SRC-90** conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, or injuries resulting from the use of this product. Mark Tool & Rubber Co Inc. makes no warranty expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.