

TECHNICAL DATA SHEET

SARAL-SEAL (RAPID SET) EPOXY PUTTY COMPOUND

DESCRIPTION: Saral-Seal (Rapid Set) Epoxy Putty Compound is a two component room temperature curing , easy to use multi-purpose epoxy putty compound, useful in sealing, gripping, joining, insulating variety of surfaces like ferrous and non-ferrous metals, porcelain, ceramic, marble, concrete, granite, ivory, asbestos, glass, wood, certain plastics, etc. On curing, the compound exhibits tough and long lasting 3-dimensional bond and sets into a hard mass that can be drilled, tapped, machined, cut and then painted. It has a good electrical insulating properties and the cured product is resistant to moisture, heat, mild acids and alkalis.

APPLICATION AREAS: Ideal for industrial, electrical, automotive, grouting civil cracks, general & household, handicraft applications. Resin and hardener components are equally mixed with both hands by rolling between two palms until a dark gray colour (like dried cement mortar) is attained.

As soon as Resin/Hardener are mixed, the chemical reaction starts immediately, and it's advisable to apply it on clean substrate immediately after the mixing is over. The job should be completed well within the usable life (spreading of matrix is easy in the first 1-2 minutes) of mix to get optimum results.

The compound will set in 30 minutes at 27°C. At low temperatures the curing process is prolonged and similarly at elevated temperatures the processing is reduced. Don't mix the product for long time in the hand and apply on the substrate immediately thereafter.

TYPICAL COMPOSITE PROPERTIES:

SERIAL No.	TEST PROPERTY	UNIT	VALUE
1	Mixing Ratio	Ratio	1:1
2	Usable life at 27°C	Minutes	3 approx
3	Setting Time at 27°C	Minutes	30 approx
4	Hardening Time at 27°C	Minutes	45 approx
5	Tensile Strength	Kg/cm ²	>200
6	Compressive Strength	Kg/cm ²	>400
7	Impact Strength	Kg/cm ²	>3.0
8	Hardness	Scale	>75
9	Overlap Shear Strength	Kg/cm ²	>90
10	water Absorption	%	<0.3
11	Density of cured mass (1:1)	g/cc	2.4 - 2.5
12	Time to reach shore A value 70 @ 27°C	Minutes	30-35
13	Hardeness after 24 hrs curing	Shore D	Min.80

PVC/UPVC/CPVC Solvent Cement



NOTE: These typical-properties are not be construed as product specifications.

SAFETY PRECAUTIONS: Generally the Saral-Seal putty when mixed in right proportion, on complete cure, is non-toxic and harmless. The resin component is non-toxic; hardener being based on amine type may cause irritation only to sensitized skin. Do not use organic solvents for cleaning hands.

STORAGE & SHELF-LIFE: Store in a cool (27°C) and dry place. Under such conditions the shelf life of this product is about 18 months in sealed unopened packs.

NOTE: We recommend that before using our product in full-scale production, the user should make his own tests to determine the suitability under his operating conditions. As the circumstances under which our product is stored, handled and used are beyond our control, we cannot assume any responsibility for any misuse by the customer.