



The Ultimate Protective Solution

SP EPOTCO 506

TECHNICAL DATA

A two pack solventless Epoxy cold-cured potting compound system.

INTENDED USES

It's an epoxy potting compound / epoxy casting material mainly used in electronics & electrical industries. It functions as highly tough compound for electrical insulations properties with chemical resistance, water resistance & corrosion resistance also.

PHYSICAL PROPERTIES

Colour	: Clear & pigmented
Finish	: Smooth & Glossy
% Solids by Volume	: 100 ± 2 %
Flash Point	: Above 100 ⁰ C
Mixing ratio (Base : Hardener)	: as mentioned on containers
Thinner intake	: Not required
Maturation time	: Allow the mixed material for 2-3 minutes before use.
Drying time @ 30°C & at recommended D.F.T.	: a) Surface Dry : 3 hr. b) Hard dry : 24 hrs.
Pot Life	: 1 – 1½ hrs. @ 30°C
Shelf life	: 12 months (Individual sealed components under normal storage condition)
Application method	: By pouring
Compatibility	: Compatible with Epoxy / Polyurethane undercoats or topcoats.

APPLICATION CONDITIONS :

This product should preferably be applied at temperatures in excess of 10⁰ C. In conditions of high relative humidity i.e. 80-85% good ventilation conditions are essential. Substrate temperature should be at least 5⁰C & above the dew point.

POT LIFE OF MIXED MATERIAL :

At the time of mixing the material, if the temperature exceed of 35⁰C the pot life will be approximately halved. Thinner should be added after mixing the Base & Hardner in recommended mixing ratio by volume.

DISCLAIMER : The information in this data sheet is given to the best of our knowledge based on laboratory testing & practical experience. It is the user's responsibility to conduct all necessary trials & tests to confirm the suitability of any product or system to their intended use. Our all recommendations or suggestions whether in technical documentations in writing or verbal are given in good faith but without any type of warranty or liability on us. We have no control over either the quality or condition of the substrate, or the factors affecting the use & applications of the product. Therefore we do not accept any liability arising from loss, injury or damage resulting from such uses.



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