



SYNPOL PRODUCTS PRIVATE LTD.

Regd Office & Factory: 77, G.V.M.S. AUDYOGIC VASAHAT LTD.,
ODHAV, AHMEDABAD – 382 415, INDIA

PRODUCT CODE : MISC. / 10.02

Synpol ED 800 Base & Hardener

TYPE: Highly accelerated Epoxy Adhesive curing in 5 minutes at room temperature.

SPECIFICATIONS:

	Synpol ED 800 (Base)	Synpol ED 800 (Hardener)
Form	Viscous liquid	Viscous liquid
Colour	Pale yellow	Light yellow
Specific gravity @ 25 ⁰ C	1.12 ± 0.05	1.05 ± 0.05
Viscosity @ 25 ⁰ C by Brookfield viscometer Spindle # 6, 20 rpm, Cps.	5000 – 8000	12000 – 15000
Mixing ratio, by weight	100 parts	100 parts
Gel time at 25°C (5gm Resin + 5gm Hardener)		5 Minutes

APPLICATION:

Clean the parts to be joined. In case of metal, remove rust, degrease with proper solvent.

Weigh equal quantity of Base and Hardener and mix thoroughly. Apply adhesive on both the surfaces to be joined. Press gently and do not give more pressure so as glue line becomes very thin. Keep the joint securely till it gels.

This adhesive is very useful in engineering, electrical and as a household adhesive requiring immediate attention.

Clean application tools before the adhesive sets and forms insoluble mass.

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DISCLAIMER: Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

MATERIAL SAFETY DATA:

Product name	Synpol ED-800 (Base)	Synpol ED-800 (Hardener)
Flash point °C. (Abel closed cup)	Above 200°C	Above 200°C
Flammability	Moderate fire risks	
Toxicity	Moderately toxic by exposure and inhalation Avoid contact with skin	
Handling	Keep away from sources of ignition, provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothings.	
Emergency treatment and measures:		
1 Hygienic precautions	Adequate ventilations.	
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.	
3 Fire precautions (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray may help to keep containers cool, to dilute leaked resins and to diffuse vapours.	
Spills and leakage	Absorb liquid materials in sand and collect solid material and burn under hood in incinerator.	
Disposal and waste treatment	Spray into furnace under controlled conditions.	

STORAGE:

SYNPOL ED-800 (Base) and SYNPOL ED-800 (Hardener) should be stored in cool and dry place under the shade. The properties are so adjusted to have a storage stability of minimum 6 months.

PACKINGS:

1kg Net in plastic bottles and 25kgs Net in M.S. drums of Base & Hardener respectively.

DISCLAIMER:

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee. Our co-operation will always be available in tackling any specific technical problems.

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