



SYNPOL PRODUCTS PRIVATE LTD.

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

PRODUCT CODE : MISC. / 10.15

Synpol EPC 6535

TYPE : One pack air drying Epoxy Phenolic condensate.

SPECIFICATIONS :

1) Appearance	Clear yellow – brown liquid.
2) Specific gravity @ 25 ⁰ C	0.985 – 1.000
3) % Solids @ 120 ⁰ C. for 2 hrs.	63 - 67
4) Solvent	Xylene
5) Viscosity of 40 % solution in Xylene @ 30 ⁰ C by ford cup no. 4, seconds	40 - 60
6) Hydroxyl Value of resin solids, mg. KOH / gm	95 – 105
7) Xylene tolerance	Infinite

COMPATIBILITY : Synpol EPC 6535 is compatible with Phenolic resins, Epoxy resins, Aromatic & Aliphatic hydrocarbon resins, Chlorinated rubber, etc.

DRYING :

➤ For Air Drying : Add 0.5 % Lead, 0.05 % Cobalt, 0.1 % Calcium on resin solids.

Surface Dry, seconds	70 - 90
Touch Dry, minutes	60 - 80
Hard Dry, hrs.	5

➤ For Two Pack : It can be cured with isocyanate curing agent like Synpol L-75

Mixing Ratio :

	<u>Parts by weight</u>
Synpol EPC 6535	100
Synpol L-75	32
Surface Dry, seconds	60 - 70
Touch Dry, minutes	15 - 20
Hard Dry, hrs.	1.5 - 2.0
Pot life @ 25 ⁰ C, minutes.	145

RESISTANCE :

Completely cured coating of Synpol EPC 6535 is resistant to Acid, Alkali, Salt water & Chemicals.

APPLICATIONS :

Synpol EPC 6535 is useful for One pack epoxy paints, Mastic Coatings, PU coatings.

Continued....

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 :

Flash point ⁰ C. (Abel closed cup)	23
Flammability	Moderate fire risks.
Toxicity	Moderately toxic by exposure and inhalation due to vapours of Xylene.
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 :

Due to thermosetting nature of Synpol EPC 6535, it should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months at 30⁰ C.

PACKING :

25 kgs. M.S. drums and 200 kgs. M.S. barrels.

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.

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