



SYNPOL PRODUCTS PRIVATE LTD.

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

PRODUCT CODE : ACRYLIC / 06.01

SYNPOL B-10

TYPE : Thermoplastic acrylic homo-polymer solution.

DESCRIPTION : Thermoplastic polymer solution based on methyl methacrylate monomer.

SPECIFICATIONS :

1) Appearance	Water clear viscous resin
2) Density @ 25 ⁰ C.	0.98 - 0.99
3) % Solids @ 150 ⁰ C. for 30 minutes.	38 - 42
4) Solvent	Xylene
5) Viscosity @ 25 ⁰ C. , poises	25 - 30
6) Acid value of resin solids, mg of KOH	8 max.

SOLUBILITY :

Synpol B-10 is soluble in mixture of alcohols and/or aromatic hydrocarbons, esters, ketones, chlorinated solvents.

COMPATIBILITY :

Synpol B-10 has limited compatibility with cellulose acetate butyrate, nitrocellulose, epoxy and vinyl resins. Please check its compatibility with each polymer in desired proportions prior to use in each requirements.

APPLICATIONS :

Synpol B-10 gives coatings having hard durable finish and resistance to gasoline, oils and plasticizers, alcohols, heat and chemicals. Synpol B-10 is suggested for automobile refinishing, screen printing of PVC films, vinyl coatings, plastic coatings, gravure printing and primer for PVC coatings.

SUGGESTIVE FORMULATION :

Heat resistant white enamel.

	kgs.
Titanium dioxide	15.2
Synpol B-10	56.8
Dibutyl sebacate	0.8
Dibutyl phthalate	0.8
Toluene	<u>26.4</u>
Total	100.0
% Solids	38.0
Pigment binder ratio	40 : 60
Viscosity in B4 cup @ 25 ⁰ C.	60 - 90

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 :

Product name	Synpol B-10
Flash point ⁰ C. (Abel closed cup)	30
Flammability	Moderate fire risk due to presence of Xylene.
Toxicity	Moderate toxic by exposure and inhalation of vapours of Xylene and traces of free monomer.
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 B-10 should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

PACKING :

25 kgs. M.S. drums, 50 kgs. Plastic carboys 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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