



# SYNPOL PRODUCTS PRIVATE LTD.

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

PRODUCT CODE : ACRYLIC / 06.02

## SYNPOL B-722

TYPE : Thermoplastic acrylic co-polymer solution.

DESCRIPTION : Thermoplastic co-polymer with excellent flexibility.

### SPECIFICATIONS :

1) Appearance	Water clear viscous resin
2) Density @ 25 <sup>0</sup> C.	0.99 - 1.00
3) % Solids @ 150 <sup>0</sup> C. for 30 minutes.	48 - 52
4) Solvent	Xylene
5) Viscosity @ 25 <sup>0</sup> C. , poises	15 - 20
6) Acid value of resin solids, mg of KOH	8 max.
7) Ethanol Solubility	Infinite

### SOLUBILITY :

Synpol B-722 is soluble in alcohols, esters, ketones, aromatic hydrocarbons and chlorinated solvents.

### COMPATIBILITY :

Synpol B-722 is compatible with cellulose acetate butyrate, nitrocellulose and vinyl resins.

### APPLICATIONS :

Synpol B-722 is co-polymer with excellent flexibility, pigment dispersion properties and plastisizer resistance. It is recommended for clear and pigmented acrylic lacquers in combinations with cellulose acetate butyrate, nitrocellulose and vinyls as wood lacquers, printing inks and PVC coatings.

### SUGGESTIVE FORMULATION :

#### *White cabinet enamel.*

	kgs.
Titanium dioxide anatase	7.6
Zinc oxide	0.4
Synpol B-722	22.0
RS nitrocellulose (1/2 second) 20% solution	5.0
Butyl acetate	33.4
Toluene	<u>31.6</u>
Total	100.0
% Solids	20.0
Pigment binder ratio	40 : 60
Acrylic NC ratio	91.5 : 8.5

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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 B-722
Flash point ° 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-722 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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