



SYNPOL PRODUCTS PRIVATE LTD.

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

PRODUCT CODE : ACRYLIC / 06.03

SYNPOL B-723

TYPE : Thermoplastic acrylic co-polymer solution.

DESCRIPTION : Thermoplastic co-polymer having moderate flexibility.

SPECIFICATIONS :

1) Appearance	Water clear viscous resin
2) Density @ 25 ⁰ C.	0. 95 - 0.96
3) % Solids @ 150 ⁰ C. for 30 minutes.	38 - 42
4) Solvent	Xylene
5) Viscosity @ 25 ⁰ C. , poises	20 - 25
6) Acid value of resin solids, mg of KOH	7 max.

SOLUBILITY : Synpol B-723 is completely soluble in esters, ketones, aromatic and chlorinated solvents and partially soluble in alcohols

COMPATIBILITY : Synpol B-723 is compatible with cellulose acetate butyrate, nitrocellulose and vinyl resins.

APPLICATIONS : Synpol B-723 gives extreme adhesion properties on light metals, excellent compatibility, colour retention and heat resistance properties. Synpol B-723 is recommended for clear and pigmented coatings on metals, aluminium lacquers, plastic coatings, upgrading of chlorinated rubber, vinyl and NC systems.

SUGGESTIVE FORMULATION :

*White glossy enamel (For Aircraft use)
for exterior on metal surface.*

	kgs.
Titanium dioxide Rutile	23.8
Diocetyl Phthalate	5.4
Synpol B-723	35.8
RS nitrocellulose (1/2 second) 70% in ethanol	5.9
M.E.K.	13.1
M.I.B.K.	<u>16.0</u>
Total	100.0
% Solids	47.0
Pigment binder ratio	50 : 50
Acrylic NC ratio	78 : 22

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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-723
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 monomers.
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-723 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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