



# BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE: ALKYD / 01.17

## BLUMER SP-143 (60% in Xylene)

TYPE: Medium oil length chain stop fast drying alkyd resin.

DESCRIPTION: Fatty Acid based semi-oxidising medium oil length alkyd resin.

### SPECIFICATIONS:

1) Appearance	Clear Viscous Liquid
2) Acid Value of resin solids, mg KOH/gm.	15 Max
3) % NVM @ 120°C for 2 Hr	60 ± 2
4) Solvent	Xylene
5) Viscosity of 50% solution in Xylene in FC # 4 in seconds at 30°C	100 ± 50
6) Tolerance	
Xylene	Infinite
M.T.O.	Minimum 1 : 5
7) Drier Combination	
100 gms Resin 60% N.V.M	0.50 gm Co 6%
	2.00 gm Ca 3%
	2.00 gm Zr 6%
Drying Properties *	
Surface Dry	3 – 5 min
Touch Dry	90 – 120 min
Hard Dry	24 Hours

(\* 40% N.V.M. varnish with dryers and coated on metal surface with bar coater no. 2)

8) Mixing ratio of 100 gms of Blumer SP-143 (60 % in Xylene) : 26 gms of Synpol L-75

**SOLUBILITY:** Blumer SP-143 (60% in Xylene) is soluble in esters, ketones, higher alcohols, aromatic hydrocarbons, ethers and limited with aliphatic hydrocarbons and is insoluble in water.

**COMPATIBILITY:** Blumer SP-143 (60% in Xylene) is compatible with all medium and long oil alkyd resins, amino resins preferably having high mineral spirit tolerance. It is compatible with most short oil alkyd resins, and not compatible with chlorinated rubber, vinyl and nitrocellulose resins.

**APPLICATIONS :** The solution resin is fast drying varnish / paints alternative to N.C. for vehicle refinishes and fast drying industrial application. It gives long lasting gloss, color retention and hardness.

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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	Blumer SP-143 (60 % in Xylene)
Flash point ° C. (Abel closed cup)	30
Flammability	Moderate fire risk due to presence of solvents like white spirit and xylene.
Toxicity	Mild toxic.
Handling	Keep away from sources of ignition; provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothing's.
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:**

Blumer SP-143 (60 % in Xylene) 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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