



BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE: ALKYD / 01.13

BLUMER DM-111 (65% in Xylene)

TYPE : Maleic modified oxidizing short oil length alkyd resin solution.

SPECIFICATIONS :

1) Appearance	Yellowish viscous liquid.
2) Density @ 25 ^o C.	0.95 - 0.97
3) % Solids @ 120 ^o C. for ½ hr.	63 - 67
4) Solvent	Xylene
5) Viscosity Of 50 % solution in Xylene @ 30 ^o C in Ford cup no. 4, in seconds.	40 - 60
6) Acid value of resin solids, mg KOH/gm.	25 Max
7) Colour gardner of 50 % solution in M.T.O.	12 Max

SOLUBILITY : Blumer DM-111 (65% in Xylene) is soluble in esters, ketones, higher alcohols, aromatic hydrocarbons and ethers. It is partially soluble in aliphatic hydrocarbons and is insoluble in water.

COMPATIBILITY : Blumer DM-111 (65% in Xylene) is compatible with all medium and long oil alkyd resins, drying oils, pure phenolic resoles, rosin modified phenolic, penta esterified maleic resin, estergum and hydrocarbon resins.

APPLICATIONS : Blumer DM-111 (65% in Xylene) is used in air drying cum stoving enamels for diesel engines, farm equipments & steel furnitures, under coats, primers, hammertone finishes, insulating varnishes, furniture finishes.

For air drying coatings drier combination of 0.25 % lead, 0.1 % cobalt, and 0.1 % calcium based on resin solids is recommended. Use 0.2 % zirconium drier, if lead drier is to be omitted.

SUGGESTIVE FORMULATION :

Air drying grey enamel

	kgs.
Titanium dioxide Rutile	24.6
Carbon black	0.5
Blumer DM-111 (65% in Xylene)	57.0
Xylene	16.0
Lead octoate 18 %	1.0
Cobalt octoate 6 %	0.3
Calcium octoate 6 %	0.6
Total	100.0

Pigment binder ratio	42 : 58
% Non volatiles aprx.	60
Specific gravity @ 25 ^o C	1.12 - 1.13

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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 DM-111 (65 % in Xylene)
Flash point ° C. (Abel closed cup)	30
Flammability	Moderate fire risk due to presence of solvent like 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 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 :

Blumer DM-111 (65% 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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