

High- Impact Polystyrene Barrier Coat

Formulation No: C1 – 24, Status Code C

Ingredients	w/w	Supplier
CAB 381-0.5	6.64	Lucite International
Elvacite® 2010	8.31	
SAIB-90 (90% in Toluene)	2.97	
Pigment (if desired)	7.12	Eastman
Acetone	29.86	
Isopropyl alcohol	14.64	Ektasolve EP (Eastman)
Ethylene Glycol Monopropyl Ether	14.44	
Toluene	13.05	
Ethyl,3-ethoxy propionate	<u>2.97</u>	Ektrapo EEP (Eastman)
	100.00	

This formulation is used for a barrier coat using CAB 381-0.1 that offers good handling properties, barrier properties and adhesion to subsequent applied topcoats. The CAB will tolerate a large quantity of hydroxyl-containing solvents such as alcohols and glycol ethers, which will not attack the surface of the polystyrene moulding. Although designed as a barrier coat, this formula could certainly be pigmented as desired and used as a topcoat.

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