

General Purpose Fluorescent Formulation

Formulation No: M3 – 2, Status Code C

Ingredients	w/w	Supplier
Fluorescent Pigment	30.0	Lucite International
Elvacite® 2043	40.0	
Toluene	10.0	
P.M Acetate	<u>20.0</u>	
	100.0	

The clarity and good colour of thermoplastic acrylics make them ideal binders for use in fluorescent coating formulations for both exterior and interior applications including safety warnings, roads and aircraft's.

Fluorescent pigments are usually prepared by incorporating a fluorescent dye in a granular resin so do not require grinding. To improve pigment suspension, aluminium stearate is added. For exterior applications it is essential that this lacquer be protected with a clear over-lacquer formulated with a UV absorber stabilising system such as Tinuvin 900/Tinuvin 292 (Ciba Geigy) or Cyasorb UV 24 (Cyanamid).

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