

High Gloss Clear Acrylic Lacquerbased on Elvacite® 2552

Formulation No: D2 – 8, Status Code A

Ingredients	w/w
Elvacite® 2552 solution ⁽¹⁾	62.45
Propylene Glycol Monomethyl Ether Acetate	8.47
Toluene	8.96
Butyl Benzyl Phthalate	0.97
Tinuvin 328	0.24
Silicone solution ⁽²⁾	0.03
Cellulose Acetate Butyrate Solution ⁽³⁾	<u>18.88</u>
	100.00

Prepare the following solutions:

(1)	Elvacite® 2552	w/w
	Toluene	40.00
	Methyl Ethyl Ketone	36.00
		<u>24.00</u>
		100.00
(2)	Dimethyl Silicone Fluid SF69 (General Electric)	2.00
	Xylene	<u>98.00</u>
		100.00
(3)	Cellulose Acetate Butyrate (CAB-381-2, Eastman)	25.00
	Propylene Glycol Monomethyl Ether-Acetate	5.15
	Acetone	<u>69.85</u>
		100.00

(4) A recommended Acrylic lacquer thinner is 3602 from Du Pont.

Preparation:

Mix well, filter and dilute to spray viscosity (17 seconds in #2 Zahn Cup) [4].

Air dry or force dry at 200⁰ F (93⁰ C) for 30 minutes.

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