

### Plastic Coatings

**Formulation No : C2 – 23, Status Code A**

**(a) Formulation**

Ingredients	w/w	
Elvacite® 2614*	70.0	(30% 2614 + 70% toluene)
BaSO <sub>4</sub>	12.0	(325 mesh)
Talc	11.8	(1250 mesh)
Carbon Black	1.0	
BYK-161	0.1	
BYK-306	0.1	
Wax	3.0	
Aluminium powder	<u>2.0</u>	
	100.0	

Properties of solution :

(a) Non-volatile: 51%

(b) Viscosity : 100 sec; Ford Cup #4

**(b) Application Method & Drying**

Dilute with toluene to spray viscosity (about 25 sec, Ford Cup #4). Spray and dry for 60 min at 50°C.

**(c) Film Performance**

Film Thickness (micron)	25
Pencil Hardness	2H
Alcohol Resistance*	Excellent

**\*Alcohol Test**

Alcohol: 99.9% ethanol

Substrate: ABS, PS

Crosshatch Adhesion: no removal for both ABS & PS substrates

100 g weight, 50 times rub: minimal colour migration on both ABS & PS substrates

500 g weight, 50 times rub: some colour migration on both ABS & PS substrates

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