



**PT PROPAN RAYA**  
INDUSTRIAL COATING CHEMICALS

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## TECHNICAL CERTIFICATE

No. : 328/CF-HY/VIII/2012

REVISION 1

Herewith the Technical Department of PT. PROPAN RAYA ICC. certify that the following product:

### IMPRA MEUBLE LACK NC-141 CLEAR DOF

is formulated using raw materials that comply with the requirement as specified in:

1. ASTM F 963 – 03 Standard Consumer Safety Specification
2. European Standard on Safety of toys EN 71 Part 3 : 1994 and Amendment A1 : 2000 and AC : 2002.

Based on the product formulation and raw materials specification all products that mentioned above do not content formaldehyde and the amount of heavy metals content are listed below:

#### ASTM F 963 – 03 TOXIC ELEMENTS

		Concentration (mg/kg)	Limit for ASTM (mg/kg)
Total Lead	(Pb)	< 0.005%	0.06%
Soluble Lead	(Pb)	< 5 mg/kg	90 mg/kg
Soluble Antimony	(Sb)	< 20 mg/kg	60 mg/kg
Soluble Arsenic	(As)	< 10 mg/kg	25 mg/kg
Soluble Barium	(Ba)	< 20 mg/kg	1000 mg/kg
Soluble Cadmium	(Cd)	< 5 mg/kg	75 mg/kg
Soluble Chromium	(Cr)	< 10 mg/kg	60 mg/kg
Soluble Mercury	(Hg)	< 10 mg/kg	60 mg/kg
Soluble Selenium	(Se)	< 5 mg/kg	500 mg/kg

#### EN 71 – 1994 Part 3 TOXIC ELEMENTS

		Concentration (mg/kg)	Limit for EN 71 (mg/kg)
Soluble Lead	(Pb)	< 5	90
Soluble Antimony	(Sb)	< 20	60
Soluble Arsenic	(As)	< 10	25
Soluble Barium	(Ba)	< 20	1000
Soluble Cadmium	(Cd)	< 5	75
Soluble Chromium	(Cr)	< 10	60
Soluble Mercury	(Hg)	< 10	60
Soluble Selenium	(Se)	< 5	500

Jatake, December 19, 2014



MULIANA  
PD. Manager



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