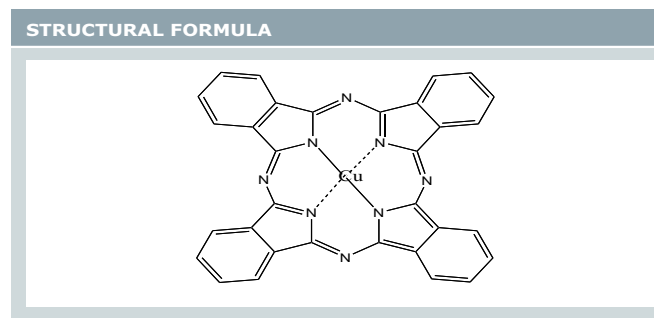
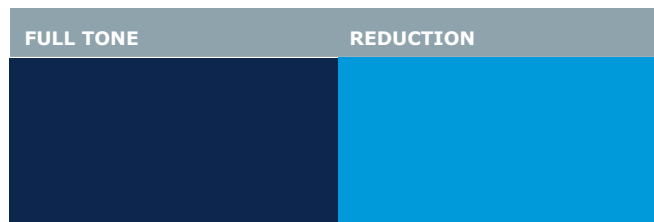


PRODUCT DESCRIPTION		
Color Index	Pigment Blue 15:3	
C.I. No.	74160	
Chemical Type	Cu-Phthalocyanine Blue, beta-mod	
CAS No.	147-14-8	
Hue Angle [1/3 SD]	243.3	
1/3 ISD Reduction Ratio	1:9.8	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1:155.4	DIN EN ISO 53235

PHYSICAL DATA		
Appearance	Blue Powder	
Density [g/cm ³]	1.6	DIN EN ISO 787-10
Bulk Volume [ltr/kg]	3.1	DIN 53194
Specific Surface [m ² /g]	53	DIN EN ISO 66132
Oil Absorption [ml/100g]	49	DIN EN ISO 787-5

FASTNESS PROPERTIES		
Acid	5	DIN EN ISO 787-4
Alkali	4-5	DIN EN ISO 787-4
Overpainting	5	1)
Water	5	DIN EN ISO 2836
Butanol	4-5	DIN EN ISO 2836
Butyl Acetate	5	DIN EN ISO 2836
Xylene	5	DIN EN ISO 2836
MEK	5	DIN EN ISO 2836
White Spirits	5	DIN EN ISO 2836
Heat Resistance [°C]	200	2)
Light Fastness	DIN EN ISO 105-B01	
Full Shade	U/T	
1:1 TiO ₂	U/T	
1/3 ISD	U/T	
Weather Fastness	DIN EN ISO 20105-A02	
Full Shade	[12 months] U/T	[24 months] U/T
1:1 TiO ₂	[12 months] U/T	[24 months] U/T
1/3 ISD	[12 months] U/T	[24 months] U/T

STANDARD PACKAGING
- 15kg Paper Bags,
- Different types of packaging are available on request



APPLICATION PROFILE	
Waterborne Paints	Recommended
Air Drying Alkyds	Recommended
Stoving Enamels	-
Acid Curing Systems	-
Amine Curing Epoxies	-
Isocyanate Cured Systems	-
Powder Coatings	-

REGULATIONS	
Germany BfR recom. IX	Compliant
AP 89/1	Not Compliant
USA (FDA) 21 CFR § 178.3297	Upon request
Toys Europe EN 71-3:2013	n.a
Toys USA ASTM F 963-03	Upon request
CONEG, EC 94/62	Compliant
ROHS, 2002/95/E, 2005/618/EC	Compliant
End of Life Vehicles, 2000/53/EC, 2002/525/EC	Compliant

CHEMICAL INVENTORY LISTING STATUS
All ingredients are listed in the following national chemical inventories: EINECS [Europe], TSCA [USA], DSL [Canada], AICS [Australia], NZIoC [New Zealand], MITI [Japan], ECL [Korea], IECSC [China], PICCS [Philippines]

1) Pigments were tested in an alkyd/melamine system with 30 minutes baking time at 160°C.

2) Pigments were tested in an alkyd/melamine system.

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