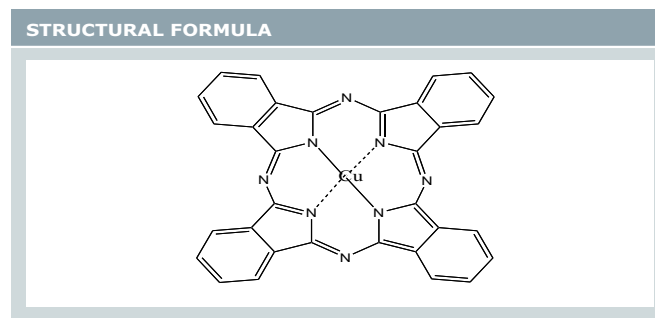
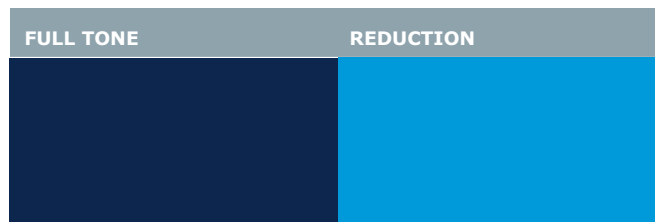


PRODUCT DESCRIPTION		
Color Index	Pigment Blue 15:3	
C.I. No.	74160	
Chemical Type	Cu-Phthalocyanine Blue, beta-mod	
CAS No.	147-14-8	
Hue Angle [1/3 SD]	243.0	
1/3 ISD Reduction Ratio	1:10.2	DIN EN ISO 53235
1/25 ISD Reduction Ratio	1:151.4	DIN EN ISO 53235

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]	50	DIN EN ISO 66132
Oil Absorption [ml/100g]	46	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]	180	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	Listed
Toys Europe EN 71-3:2013	n.a
Toys USA ASTM F 963-03	Not Compliant
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.

® = Registered trademark of Heubach Colour Pvt. Ltd. Our product specifications and application information are based on our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and us.