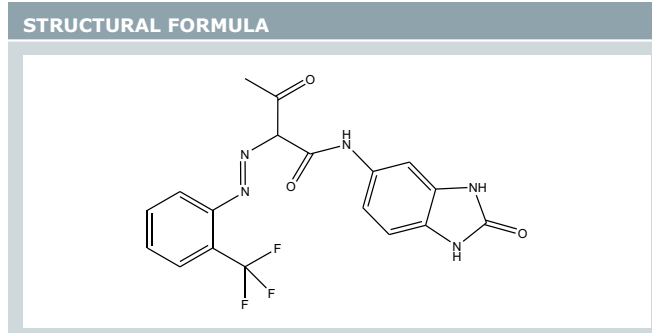
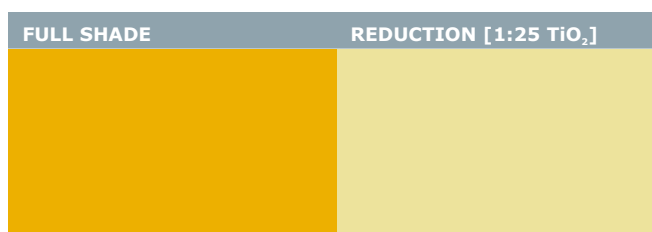


PRODUCT DESCRIPTION		
Color Index	Pigment Yellow 154	
C.I. No.	11781	
Chemical Type	Benzimidazolone	
CAS No.	68134-22-5	
Hue Angle [1/3 SD]	88.8	DIN 5033
1/3 SD Reduction Ratio	1 : 1.8	DIN 5033
1/25 SD Reduction Ratio	1 : 25.4	DIN 5033

PHYSICAL DATA		
Appearance	yellow powder	
Density [g/cm ³]	1.5	DIN EN ISO 787-10
Bulk Volume [l/kg]	2.3	DIN EN ISO 787-11
Specific Surface [m ² /g]	11	DIN 66132
Oil Absorption [ml/100g]	55	DIN EN ISO 787-5

FASTNESS PROPERTIES				
Acid	5	DIN EN ISO 20105-A02		
Alkali	5	*		
Overpainting	4 - 5	**		
Water	5	DIN ISO 2836		
Butanol	4	DIN ISO 2836		
Butylacetate	5	DIN ISO 2836		
Xylene	5	DIN ISO 2836		
MEK	4 - 5	DIN ISO 2836		
White Spirits	4 - 5	DIN ISO 2836		
Heat Resistance [°C]	160	***		
Light Fastness		DIN EN ISO 105-B01		
Full Shade	1:1 TiO ₂	1/3 SD		
8	8	8		
Weather Fastness / Xeno		DIN EN ISO 20105-A02		
Full Shade	1:1 TiO ₂	1/3 SD	1/25 SD	
[1000h]	5	5	5 -	
[1600h]	-	-	- -	
[3200h]	-	-	- -	
[4800h]	-	-	- -	

STANDARD PACKAGING
25kg Cardboard Boxes
Different types of packaging are available on request



APPLICATION PROFILE	
Automotive Coatings	recommended
Industrial Coatings	recommended
Coil Coatings	-
Decorative Coatings	recommended

REGULATIONS	
Germany BfR recom. IX	compliant
APME AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	not listed
Toys Europe EN 71-3	compliant
Toys USA ASTM F 963-03	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]

* DIN EN ISO 20105-A02

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

*** Pigments were tested in an alkyd / melamine system.

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