HEUCODUR® - Gelb 255

heubach

PRODUCT DESCRIPTION	
Chemical Characterization	Chrome Antimony Titanium Buff
Color Index	Pigment Brown 24
C.I. No.	77310
CAS No.	68186-90-3
Relative Hiding Power [%]	145

REGULATIONS	
Germany BfR recom. IX	compliant
APME AP 89/1	compliant
USA (FDA) 21 CFR § 178.3297	listed
Toys Europe EN 71-3	compliant
Toys USA ASTM F 963-03	compliant
CONEG, EC 94/62	compliant
ROHS, 2002/95/EC, 2005/618/EC	compliant
End of Life Vehicles, 2000/53/EC, 2002/525/EC	compliant

CHEMICAL INVENTORY LISTING STATUS

All ingredients of HEUCODUR® - Gelb 255 are listed in the following national chemical inventories:

AICS (Australia), DSL (Canada), ECL (Korea), EINECS [Europe], IECSC [China], MITI [Japan], NZIOC (New Zealand), PICCS (Philippines), TSCA [USA].

STANDARD PACKAGING

- 25 kg Paper Bags
- Different types of packaging are available on request

FULL TONE	REDUCTION

FASTNESS PROPERTIES		
Heat Resistance [°C]	800	AA10/CIC/104
Solvent Resistance[1)]	5	
Acid Resistance[2)]	5	
Alkali Resistance[2)]	5	
Light Fastness [Full Shade][3)]	8	
Weather Fastness [Full Shade][4)]	5	

PHYSICAL DATA		
Appearance	Yellow Powder	
Density [g/cm³]	4.4	acc. to DIN EN ISO 787/10
Bulk Density [g/cm³]	0.7	acc. to DIN EN ISO 787/11
Tamped Density [g/cm³]	1.2	acc. to DIN EN ISO 787/11
Oil Absorption [ml/100g]	18	acc. to DIN EN ISO 787/5
Water Soluble Salts [%]	< 0.1	acc. to DIN EN ISO 787/3
Moisture [%]	< 0.1	acc. to DIN EN ISO 787/2
pH	8	acc. to DIN EN ISO 787/9
Sieve Residue on 45 µm [%]	< 0.1	acc. to DIN 53195
Av. Primary Particle Size [µm]	0.2	acc. to ISO 13320-1

1) Pigments were dipped into solvent. Assessment with Grey Scale according to DIN 54002. Rating: 1=severe, 5=none.
2) Pigments were dipped into hydrochloric acid (10%) or sodium hydroxide solution (10%). Rating: 1=poor, 5=excellent.
3) Light fastness was tested in an alkyd/melamine system. Assessment with Blue Wool Scale according to DIN 54003. Rating: 1=very poor, 8=outstanding.
4) Weathering fastness was tested in an waterborne acrylic resin system. Assessment with Grey Scale according to DIN 54001 after 2000h accelerated weathering (Arc Xenontest acc. to DIN EN ISO 11341-1-A, 1998). Rating: 1=poor, 5=very good.

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