TECHNICAL DATA SHEET

REVISION: **5** EDITION: **June 2008** IDENT-NO.: **FH.4170.1**

ECKART Effect Pigments

Product denomination: **Pearlescent Pigment PRESTIGE Emerald**

Article number: **35161..**

Product description: **Free flowing green powder comprising platelets of mica coated with titanium dioxide, iron oxide, ferric ferrocyanide and small amounts of tin oxide**

test criteria	nominal	unit	test method
Assay			
mica	**28 - 43**	**%**	**ECKART**
titanium dioxide	**52 - 60**	**%**	**ECKART**
tin oxide	**0 - 1**	**%**	**ECKART**
iron oxide	**1 - 6**	**%**	**ECKART**
ferric ferrocyanide (CI 77510)	**4 - 8**	**%**	**ECKART**
particle size range	**10 - 50**	**µm**	**Laser diffraction**
pH of 10 % aqueous suspension	**4 - 8**		**ISO 787-9**
Heavy metals			
antimony	**<= 0,0002**	**%**	**ECKART**
arsenic	**<= 0,0001**	**%**	**ECKART**
cadmium	**<= 0,0001**	**%**	**ECKART**
lead	**<= 0,0010**	**%**	**ECKART**
mercury	**<= 0,0001**	**%**	**ECKART**
visual and colorimetric evaluation	**conforms**		**ECKART**
tot. amount of bacteria	**<= 30**	**cfu/g**	**ECKART**
yeast and mould	**<= 30**	**cfu/g**	**ECKART**
pathogens	**negative**		**ECKART**

EC-Safety data sheet no.: PRES4

Other remarks:

INCI names	CI No.	CAS No.	EINECS No.
mica		12001-26-2	310-127-6
titanium dioxide	77891	13463-67-7	236-675-5
tin oxide		18282-10-5	242-159-0
iron oxide	77491	1309-37-1	215-168-2
ferric ferrocyanide	77510	14038-43-8	237-875-5

Pigment is unstable to alkaline and some salts

"The Data on this technical information sheet correspond with the current status of our knowledge and experience. The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights. We reserve the right to alter any product data as a result of technical progress or further developments in the manufacturing process."

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