

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech CT45GV

TDS Ref.: CT45GV_TDS
Version: 1.0

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SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Green-Violet-Gold
Material type	Artificial mica
Particle size (D10 - D90), µm	10 – 45
Density, g/cm ³	2.4 – 3.0
Bulk density, g/100ml	27 – 35
pH 10% aqueous slurry	7 – 11
Oil absorption, g/100g	60 – 80
Shelf life after inspection date	Unlimited term

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Silicon dioxide	CAS-No.: 7631-86-9	58 – 64
Synthetic fluorphlogopite	CAS-No.: 12003-38-2	20 – 32
Titanium dioxide	CAS-No.: 13463-67-7	9 – 14
Tin dioxide	CAS-No.: 18282-10-5	1 – 2

DESCRIPTION

Artificial mica flakes coated with multiple layers of metal oxides.

Non-toxic. Chemically resistant in water and other solvents. Good light stability enables indoor and outdoor application.

The pigment is suitable for various industrial applications. Its concentration depends on an application type and desired effect. The most visible result can be achieved in a transparent and glossy system.

The pigment can be used in combination with other effect materials and colourants.

For more precise recommendations, please contact ChemTech team member.

Standard packaging is a 25 kg carton box with an inner plastic bag. Customised packaging is available.

Pearlescent pigment should be stored in the original tightly sealed shipping packaging in dry conditions.

ADDITIONAL INFORMATION

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