

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech CT45PG

TDS Ref.: CT45PG_TDS
Version: 1.0

Issue date: 2023-12-01

SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Gold-Red-Purple
Material type	Artificial mica
Particle size (D10 - D90), μm	10 – 45
Density, g/cm^3	2.3 – 3.0
Bulk density, g/100ml	27 – 35
pH 10% aqueous slurry	7 – 11
Oil absorption, g/100g	65 – 80
Shelf life after inspection date	Unlimited term

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Silicon dioxide	CAS-No.: 7631-86-9	50 – 55
Synthetic fluorophlogopite	CAS-No.: 12003-38-2	29 – 40
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

The information in this TDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This TDS was prepared and is to be used only for this product. If the product is used as a component in another product, this TDS information may not be applicable.