

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech CTA315

TDS Ref.: CTA315_TDS

Issue date: 2026-02-23

Version: 1

SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Gold / SolarisFlare Gold
Material type	Artificial mica
Particle size (D10 - D90), µm	10 - 100
Relative density, g/cm ³	2.5 – 3.5
Bulk density, g/100ml	15 - 40
pH 10% Aqueous Slurry	5 - 9
Oil absorption, g/100g powder	50 - 90
Shelf life after the inspection date, months	Unlimited

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
SYNTHETIC FLUORPHLOGOPITE	CAS-No.: 12003-38-2	41 - 53
Titanium dioxide	CAS-No.: 13463-67-7	41 - 50
Iron (III) Oxide	CAS-No.: 1309-37-1	6 - 9

DESCRIPTION

The product belongs to a new generation of high-performance artificially mica-based pearlescent pigments. It features advanced multi-layer coatings of high-end artificial mica flakes with metal oxides. This technology provides significantly brighter colour, shinier effects and more intense metallic look. Non-toxic. Chemically resistant in water and other solvents. Excellent light stability allows use both indoors and outdoors.

The pigment suits a wide range of industrial applications, including printing, coating, paints & plasters, plastics, flooring, arts & crafts, seed coating and many other sectors. Recommended concentration depends on the application and desired effect.

The pigment combines easily with other effect materials and standard colourants.

For precise dosage advice and formulation support, please contact a ChemTech technical specialist.

Standard packaging: 25 kg carton box with inner polyethylene bag. Custom packaging available on request.

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.

Store the pearlescent pigment in the original tightly sealed packaging in a dry, cool place away from direct sunlight.

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.