

## TECHNICAL DATA SHEET

### Pearlescent Pigment ChemTech CTA101

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#### SPECIFIC PRODUCT DATA

|                                              |                         |
|----------------------------------------------|-------------------------|
| Appearance                                   | Powder                  |
| Colour / Effect                              | White / LumaPearl White |
| Material type                                | Artificial mica         |
| Particle size (D10 - D90), µm                | 10 - 60                 |
| Relative density, g/cm <sup>3</sup>          | 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 | 71 - 76 |
| Titanium dioxide          | CAS-No.: 13463-67-7 | 24 - 29 |

#### 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.

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

#### ADDITIONAL INFORMATION

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