

## TECHNICAL DATA SHEET

### Pearlescent Pigment ChemTech CT1310

TDS Ref.: CT1310\_TDS  
Version: 24/1

Issue date: 2024-08-22

#### SPECIFIC PRODUCT DATA

|                                               |                 |
|-----------------------------------------------|-----------------|
| Appearance                                    | Powder          |
| Colour / Effect                               | Gold            |
| Material type                                 | Artificial mica |
| Particle size (D10 - D90), $\mu\text{m}$      | 10 - 100        |
| Relative density, $\text{g}/\text{cm}^3$      | 3.1 - 3.6       |
| Bulk density, $\text{g}/100\text{ml}$         | 32 - 45         |
| pH 10% Aqueous Slurry                         | 7 - 11          |
| Oil absorption, $\text{g}/100\text{g}$ powder | 65 - 85         |
| Shelf life after the inspection date, months  | Unlimited       |

#### COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient name  | Identifiers         | %        |
|------------------|---------------------|----------|
| Artificial mica  | CAS-No.: 12003-38-2 | 45 - 66  |
| Iron (III) Oxide | CAS-No.: 1309-37-1  | 2 - 7    |
| Titanium Dioxide | CAS-No.: 13463-67-7 | 32 - 47  |
| Tin Dioxide      | CAS-No.: 18282-10-5 | $\leq 1$ |

#### 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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