

TECHNICAL DATA SHEET

Chryso
Concrete
Solutions

01/27/2026

Chryso® Dust Primer

Surface Primer

DESCRIPTION

Chryso® Dust Primer is a surface primer admixture designed to suppress and stabilize rising dust particles, improving site safety, environmental compliance, and operational efficiency. It is ideal for gravel roads, stockpiles, construction sites, and other unpaved

surfaces requiring high dust control performance. This product features water solubility and biodegradability, making it well-suited for applications where reduced water usage, UV resistance, and high rainfall tolerance are essential.

ADVANTAGES

- Supports environmental compliance
- Minimizes water consumption
- Withstands harsh weather conditions
- Reduces fuel usage
- Resists UV degradation
- VOC-free formulation
- Offers water solubility & biodegradability

FIELDS OF APPLICATION

- Gravel and haul roads
- Stockpiles
- Construction sites
- Quarries & mine tailings
- Manufacturing facilities
- Unpaved runways and helipads
- Farms, including vineyards and orchards

Method of Use

Dosage

- The recommended dosage is approximately 0.26 gallons (1 liter) of soluble solution per 10.8 square feet (1 square meter) of treated surface. Dosage may be adjusted based on site conditions and specific project requirements; consult a Chryso® representative for tailored recommendations.

Implementation

- Scarify the surface to a depth of 4–6 inches (100–150 mm) before application. Pre-wet the prepared area with water to ensure optimal penetration. Dilute Chryso® Dust Primer to a 15–20% solution in water and mix thoroughly. Apply the solution evenly to the surface, aiming to form a 0.2 inch (5 mm) crust for effective dust suppression. Allow the treated area to set before exposing it to traffic or further work.
- Schedule maintenance applications based on site conditions, traffic, and weather; consult a Chryso® representative for tailored advice.

CHARACTERISTICS

Product Nature	Liquid
Color	Dark brown
Shelf life	12 months
Cl ⁻ Ions content	≤ 0,100
Equivalent Content Na ₂ O	≤ 15,00 %
Specific gravity (25°C)	1,260
pH (25°C)	7,00

PRECAUTIONS

- Protect from direct sunlight and moisture to maintain product integrity.
- If the product is exposed to freezing temperatures, gently thaw and agitate thoroughly before use.

SAFETY

Prior to any use, please read carefully the Safety Data Sheet.

The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users.

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