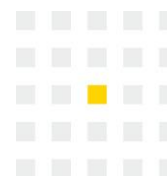


Technical data sheet

CHRYSO[®] Eco Dust 100

High range dust suppressant – poly-adhesive.



Description

CHRYSO[®] Eco Dust 100 is fine particle size surface poly-adhesive that exhibits excellent dust binding and prolonged water resistance properties.

Advantages

- Easy application and safe to use
- Produces a durable, smooth and dust free surface that eliminates the need for frequent maintenance
- Effective at preventing gravel loss on non-tarred roads
- Limits the formations of corrugations on roads and improves the quality of the road surface
- An environmentally safe alternative to pure chemically based products (traditional bitumen based road sealants) due to its natural active ingredient
- Reduces erosion
- Water saving
- Improves road safety by improving the grip of vehicles and machinery on the road
- Increased road visibility and safety
- Water soluble and easily incorporated into routine dust suppression procedures
- No requirement for special equipment
- No requirement for special handling procedures
- Removes the need for constant grading and watering of gravel roads
- Creates dust free surfaces

Application guidelines

Use

- Gravel roads
- Public and mine haulage roads
- Road stabilisation

Physical and chemical properties

- Physical state (@25°C): Liquid
- Colour: Milky, dries clear
- Specific gravity (@25°C): 1.04 (±0.01)
- pH: 10 (±1)
- Solids content: 45% (±1%)
- Average particle size: 0.14

- Roads in game reserves
- Construction sites
- Runways
- Quarries
- Temporary bypasses
- Sport fields
- Parking areas
- Paddocks
- Dust sensitive agricultural and forestry roads

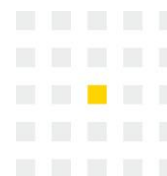
Directions

- For surface suppression
 - Apply directly to unprepared surfaces as an aqueous solution under pressure through spray nozzles.
 - Alternatively, apply under gravity using a hose or water cart.
- Dosage: 1 liter per m²
- Coverage
 - Coverage depends on the method of application

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Maintenance

- **Factors that will influence the intervals between maintenance applications and life time of the surface include:**
 - **Quality of the base material**
 - **Climate conditions**
 - **Volumes and type of traffic**

Storage

- **If in the original sealed packaging at room temperature, CHRYSO[®]Eco Dust 100 has a shelf life of up to 12 months from the date of manufacturing.**
- **Should the product freeze, it will recover its properties after thawing and agitating.**
- **Do not store product at high temperatures for long periods.**
- **Store product away from frost, above 0°.**
- **Avoid storing CHRYSO[®]Eco Dust 100 in direct sunlight.**
- **Avoid all contact with water (especially rain water).**

Packaging

- **1000 l flow bins**
- **215 l drums**
- **25 l barrels**

Health and safety

- **CHRYSO will provide onsite assistance when requested. Refer to the material safety data sheet.**

Disclaimer: The information contained in this document is given to the best of CHRYSO's knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving CHRYSO's liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. CHRYSO specialists are at the disposal of the users in order to help them with any problems encountered.