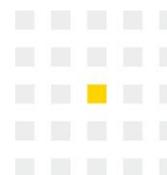


## Technical data sheet

# CHRYSO<sup>®</sup> Eco Dust 200

High range dust suppressant – surface sealer.



### Description

**CHRYSO<sup>®</sup> Eco Dust 200** is an emulsified dust lubrication system that aids in the coalescing, stabilisation and suppression of rising dust particles and spores, preventing them from becoming air-borne.

### Advantages

- Easy application and safe to use
- Helps with compliance to safety, environmental, health and occupational regulations
- Safety - Increased road visibility, increased grip
- Creates a dust free environment, complete dust suppression
- Less fuel usage
- Reduced road and vehicle maintenance
- Reduced man hours
- UV resistance
- Cuts down water usage
- Eliminate grading and watering
- Savings compared to traditional paving and tar roads
- VOC free

### Application guidelines

#### Use

- Unpaved roads (gravel, farm, quarry roads)
- Road stabilization (gravel airstrips)
- Mine and industrial dust suppression (stock pile, mine dumps)

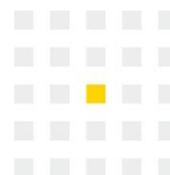
#### Directions

- For surface suppression
  - Apply to the surface by a water/tank truck with a rear mounted distribution bar that spreads the liquid evenly over the surface.

### Physical and chemical properties

- Physical state (@25°C): Liquid
- Colour: Brown
- Specific gravity (@25°C): 1.215
- pH: 6.00
- Cl Ion content: ≤0.01%
- Na<sub>2</sub>O equivalent: ≤1%

- **CHRYSO<sup>®</sup> Dust Primer:** 15% mixture by volume of water
- **CHRYSO<sup>®</sup> Eco Dust 200:** six even applications (1 liter per m<sup>2</sup>)
- After 18 to 20 days apply 25 ml **CHRYSO<sup>®</sup> Eco Dust 200** per m<sup>2</sup>
- Maintenance of 2.5% to 5% mixture, depending on surface condition
- Long term application
  - Apply to the surface by a water/tank truck with a rear mounted distribution bar that spreads the liquid evenly over the surface.
- **CHRYSO<sup>®</sup> Dust Primer** at 1 liter per m<sup>2</sup> with 2 liter water per m<sup>2</sup>
- Pre-wet road and leave to penetrate surface
- Profile road surface
- Scarify surface (material) to 100 – 150 mm depth
- Apply **CHRYSO<sup>®</sup> Dust Primer**
- Work slurry evenly over road
- Compact road with vibratory roller
- Sweep the surface with mechanical road broom
- Compact road again without vibration



## Technical data sheet

# CHRYSO<sup>®</sup> Eco Dust 200

High range dust suppressant – surface sealer.

### ■ Seal application

- Apply to the surface by a water/tank truck with a rear mounted distribution bar that spreads the liquid evenly over the surface.

- **CHRYSO<sup>®</sup> Eco Dust 200** at 60% per volume water

### ■ Coverage

- Coverage depends on the method of application

### **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<sup>®</sup> Eco Dust 200** 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.
- Avoid storing **CHRYSO<sup>®</sup> Eco Dust 200** in direct sunlight.
- Avoid all contact with water (especially rain water).

### **Packaging**

- 1000 ℓ flow bins

### **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.