

MasterRoc® PDS 719

DESCRIPTION

MasterRoc® PDS 719 is a specially designed dust suppressant, for use on all coal stock piles/trains/trucks, preventing the creation of wind borne coal dust, thus protecting the environment and saving valuable coal.

MasterRoc® PDS 719 is formulated with effect such as:

- **Wetting effect**

It can improve the suppression ability by enhancing the adhesion & spreading abilities of water on coal particles.

- **Crusting effect**

MasterRoc® PDS 719 forms a sealed surface which is a half-permanent rain/water-proof film to reduce wind erosion and prevent oxidation.

- **Foaming effect**

Producing elastic and low surface tension foam to reduce the humidity and prolong the effect.

- **Foaming adhesion effect**

Making the forming foam together to form a tight layer.

DOSE LEVEL

Spontaneous combustion prevention for Coal piles/ trains/ trucks

Dilution rate in water: 1:40~1:50 (by weight)

Spraying amount: 1 liter products dilute in water of 40-50 liter and can spray 8-10 m²

Timelines: 1~2 months (Depend on the exposure degree facing sunlight)

Coal dust suppression for coal piles/ trains/ trucks

Dilution rate in water: 1:100 (by weight)

Spraying amount: 1 liter products dilute in water of 100 liter and can spray about 300 m².

Timelines: 1~2 months (Depend on the exposure degree facing sunlight)

Spray times: 1~3 times under coal piles; 1 time under truck and train

Dust suppression for heavy loading road

Dilution rate in water: 1:100 (by weight)

Spraying amount: 1 liter products dilute in water of 100 liter and can spray about 300 m².

Timelines: 1 weeks (Depend on traffic volume)

TYPICAL PROPERTIES

Appearance	Milk white liquid	
High solid content (wt %)	49~51%	Reduce transport cost
Low viscosity (cP)	100~400	Easy dilution
pH value	6.5~7.5(mild)	No corrosion
Density (g/cm ³)	1.02	

SHELF LIFE

12 months from receipt of goods

SHIPPING AND HANDLING

MasterRoc PDS® 719 is supplied in 190kg net plastic drums or IBC drums. The product should be stored in a cool place out of direct sunlight.

MasterRoc® PDS 719 is frost sensitive, it is recommended that prolonged exposure to extreme low temperatures is avoided.

HEALTH AND SAFETY

MasterRoc PDS® 719 has some surfactant & preservative properties and as such contact with eyes and prolonged contact with skin should be avoided. Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Health and Safety information sheet.

WARRANTY

The information contained in this leaflet is given in good faith but no liability is assumed nor is freedom from any patent owned by BASF. This information should not be taken to represent a specification for the product.