**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 improves 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Milk white liquid</td>
</tr>
<tr>
<td>High solid content (wt %)</td>
<td>49~51% Reduce transport cost</td>
</tr>
<tr>
<td>Low viscosity (cP)</td>
<td>100~400 Easy dilution</td>
</tr>
<tr>
<td>pH value</td>
<td>6.5~7.5(mild) No corrosion</td>
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<tr>
<td>Density (g/cm³)</td>
<td>1.02</td>
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**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.