

MAK ENVIRO DS

Dust Control



Product Description

M.K. PETRO PRODUCTS (INDIA) PVT LTD. is an ISO company as a manufacturer and importer in the field of waterproofing, Thermal insulation, Soil stabilizer and Dust control.

It is an eco-friendly, bio-degradable liquid co-polymer, which is a unique product as soil stabilizer and solidifier. It also helps in dust control and soil erosion.

MAK ENVIRO DS's co-polymer molecules coagulate to form bonds between the solid and aggregate particles. After the linking and cross-linking of the molecules, it generates a long lasting nano particle molecular structure. And thus, a durable and waterproof surface of flexible solid mass is produced as the water dries. After curing, MAK ENVIRO DS provides landscape a firm, transparent and a natural look.

MAK ENVIRO DS controls the dust erosion by

forming a three dimensional cap on its surface, when applied modestly. When used in a generous way it gives the quality similar to cement, thus making it more effective in road construction. MAK ENVIRO DS's results are directly proportionate to its rate of application.

MAK ENVIRO DS's advance technology has thus paved a new way in dust control, soil erosion and aggregate stabilization.

MAK ENVIRO DS covers a small back yard trail to bigger construction sites as well as heavy lift military cargo runways.

M.K. PETRO PRODUCTS (INDIA) PVT LTD. is dedicated to economically solving soil stabilization challenges throughout the world's residential, commercial, industrial and military markets.

Advantages

- ◆ Bio- degradable
- ◆ Non- flammable
- ◆ Non-volatile
- ◆ Non-hazardous
- ◆ Non-dissipating
- ◆ Simple and easy to apply
- ◆ Dries clear/ transparent
- ◆ Non-slippery and safe to walk and drive on
- ◆ Ecologically and Environmentally safe
- ◆ Water resistant
- ◆ Ultra-violet Ray Resistant
- ◆ Alkali Soil Resistant
- ◆ Human, Marine Life and Vegetation Safe

Uses

MAK ENVIRO DS can be used for dust stabilisation in the following areas:

- ◆ Dust Control
- ◆ Roads
- ◆ Military Supply and Convoy Roads
- ◆ Road Shoulder
- ◆ Golf Course Bunker Liner
- ◆ Golf Course Cart Paths
- ◆ Heavy Haul Roads and Military Roads
- ◆ Storage Stock Piles
- ◆ Helipads
- ◆ Aircrafts Runways/ Taxiways

Technical Specifications

| Properties | Values |
|---------------------|--------------------------------------|
| Physical Form | Liquid |
| Colour | Milky White (Transparent once cured) |
| Odour | Mild/ Slight |
| pH | 4.5- 6.0 |
| Evaporation Rate | <1 (BuAc = 1) |
| Vapour Density | >1 (Air = 1) |
| Boiling Point | >100.00°C (>212°F) |
| Freezing Point | < 0°C (32°F) |
| Solubility in water | Completely (100%) (until cured) |
| Specific Gravity | 1.05 – 1.10 |
| Cracking | None |
| Solid Contents | 65% |
| Elongation | >200% |
| Thickness per Coat | About 0.5 mm |
| Cracking | None |
| Solid Contents | 65% |

Application Procedure

- ◆ The area should be dry, free from any loose aggregates, soil or any debris.
- ◆ Spray Nozzle rate should be set in a manner that it should allow even coverage with multiple coats over the treatment area with each pass.
- ◆ Fill the tank with recommended volume of water.
- ◆ Apply the dilution in coats over the treatment area. For better performance for traffic, application should be in four coats.

Caution

Each coat of MAK ENVIRO DS dilution should be applied in timely manner to ensure that the surface always stays wet. Otherwise there will be an underperforming skin layer rather than a penetrating layer.

Disclaimer

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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