

Rocky S & DS

Description

ROCKY S & DS is an aqueous co-polymer emulsion resistant to saponification. It has excellent characteristic in stabilizing the soil surface once diluted with water. It penetrates the soil to bind the particle into a more compacted unit, difficult to erode or destabilize.

Use

- Stabilize sand dune in desert
- Stabilizing dunes and slopes for roads and highways
- Erosion control for roads and highway
- Soil consolidation before excavation
- Landscaping, with the addition of suitable pigments and organic mulch

Advantages

- Eco-friendly. Non-toxic
- Does not contaminate ground water
- Harmless to both plants and animals
- Contains soil wetting agents
- Fully compatible with organic mulch
- Excellent resistance to erosion
- Penetrates to soil or other particulate materials

Technical Properties

Appearance	white liquid (clear once dried)
Density at 25 °C	1.03 kg/L
Solid content	25%
pH at 25 °C	5.5
Viscosity	300 mPa·s
Vapor press. bar	0.025
Freezing point °C	0
Boiling point °C	100

Pre-application

Land must be levelled and graded prior to application as the compaction of soil will improve its ability to bear pedestrian movement. However, this step is not essential to soil stabilization and dust control.

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Application

For better dispersion, dilute ROCKY S & DS with water at a ratio of 1:6. Spray on the compacted surface of the soil using suitable spray equipment with the following features:

- Tank with light stirrer
- Non-clogging pump
- Spray hoses and nozzles

ROCKY S & DS should be sprayed at an average rate of 1 m²/liter depending on the surface absorbency.

Subsequent coats shall be applied as per the rate recommended on the table (INGREDIENTS FOR 1,000 sq. m. per coat).

Recommendations

For superior erosion control, 2-3 coats of ROCKY D&S should be applied to the compacted area.

Packaging

ROCKY D&S is supplied in 200- and 1000-liter drums.

Shelf Life & Storage

Should be sealed and stored in covered area, protected from heat. Shelf life is 9 months from manufacturing date if stored properly.

Health & Safety

- ROCKY S & DS should not be swallowed.
- Inhalation of spray should be avoided.
- Wear protective clothing, goggles/masks and gloves during application.
- Should accidentally contact with skin take place, wash thoroughly with soap and water.
- In case of contact with eyes, rinse with plenty and immediately seek medical advice.
- If ingested, obtained medical attention immediately.
- Ensure adequate ventilation and avoid inhalation of vapors.

Important Note

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updates on regular basis. It is the user's responsibility to obtain the latest version.