

GUARDIAN - DUST BINDER

UNIVERSAL DUST SUPPRESSANT



GUARDIAN - Dust Binder has been developed by RST as a multi-purpose micro polymer additive for water carts and spray systems - when applied on unsealed ground and stockpiles it maximises water penetration and binds all fine particles together to greatly improve dust control.

Easy Implementation

Significant Water Savings

Immediate Results

Why use **Guardian - Dust Binder**?

- Easily pumped and readily mixes with water
- No storage and handling issues
- Simply adjust dilution ratios for different applications
- Extremely cost effective
- Will not affect downstream activities

"An RST Technical Representative will advise the correct dosage and application rate for your specific project requirement."

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Applications include:

- Haul roads, light vehicle roads, hard stand areas for both long and short term dust control.
- Open source emission ground sealing including tailing dams, exposed ground, top soil stockpiles, waste dumps and land rehabilitation works.
- Stockpile sealing through fixed spray systems or water carts at loading areas and shipping terminals.
- Spraying into material being loaded, conveyed and transferred.
- Downhole drilling dust suppression, drill cutting and drill pattern sealing.
- Rail and truck wagon surface sealing.



Key Benefits include:

- Dust Compliance.
- Significant savings in resources including water and equipment.
- Easily stored, mixed and applied.
- Significantly reduces dust, erosion and sediment.
- Extremely cost effective.
- No negative down stream effects on processing or material quality.



Stockpiles – Open Source Emission – Haul Roads and LV Roads
Drilling – Spray Systems – Tailings Dams – Short Term and Long Term

TOTAL
DUST CONTROL
SOLUTIONS

ROAD STABILISATION
& EROSION CONTROL

WATER & SEDIMENT
TREATMENT

CIVIL ENGINEERING,
MONITORING &
VALIDATION

OPERATIONAL
IMPROVEMENT
SOLUTIONS



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