

# TECHNICAL DATA SHEET

## Road Material Stabilisers

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## SASBIND

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### DESCRIPTION:

SASBIND is a uniquely formulated water based emulsion of modified acrylic polymers suitable for the binding and stabilisation of layers for use in the construction of all types of roads. SASBIND is also suitable for application to the surface of already constructed roads requiring dust palliation.

### APPLICATION RATES:

Stabilisation: 0.4-0.7% MDD  
Seal coat: 0.1 l/m<sup>2</sup>

*(Application rates are offered as a guide, use as directed)*

### BENEFITS:

- Water-based (mixes in with compaction water)
- Suitable for application to a wide variety of soil types
- No specialised equipment required
- Minimal disruption to traffic
- Reduces erodibility and improves waterproofing of unsurfaced roads
- Increases CBR and UCS significantly

### PREPARATION:

- Establish the suitability of the soil for use with SASBIND
- Add the required quantity of SASBIND directly to the water bowser with the compaction water

### APPLICATION:

#### Mix-in

- Rip the layer to 100-150 mm and break large agglomerations to max 50 mm
- Calculate the approximate volume of water required to reach OMC
- Add the required quantity of SASBIND to required quantity of water
- Apply the solution onto prepared surface in 2-4 applications, mixing thoroughly between applications
- Shape to required camber and compact with pneumatic or vibratory roller to required density
- Apply the seal coat if required to the road surface while still damp and allow to dry (approx 1-2 hours)

#### Surface treatments (spray-on application)

- Road structure: well compacted base or wearing coarse layer; density >93%.
- Ensure the road surface is firm, free of excess loose material and with sufficient camber to ensure proper drainage
- Apply the product in multiple applications using the prescribed dilution ratio. Avoid run-off and pooling

### CHARACTERISTICS:

Appearance	- milky white liquid
Specific gravity	- 1.04 @ 25°C
pH	- 7 ±1
Odour	- mild Acrylic
Solids %m/m	- 46-55
Diluent	- water

### HAZARDS:

Fire	- non-flammable
Explosion:	- non-explosive
Skin	- slightly Irritating when undiluted
Ingestion	- irritant
Eyes	- slightly irritating

### PRECAUTIONS:

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Wear protective clothing for sensitive skins
Do not ingest
Avoid splashing

### FIRST AID:

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-
Rinse with water
Do not induce vomiting*
Flush with water for min 20 min*
<b>* (Seek prompt medical advice)</b>

### STORAGE:

Maximum handling temperature	- 75°C
Storage temperature	- 5-60°C
Transport temperature	- 5-60°C

### PACKAGING / LABELLING:

Packed:	- 200 kg mild steel drums
Label:	- including description, application, first aid and batch number