



VSS ASPHALT TECHNOLOGIES DATA SHEET VER: 1.0 --PRODUCT INFORMATION

DESCRIPTION: RoadChem™ 1020® is an activated clay anionic emulsifier for preparing highly stable clay asphalt emulsions. RoadChem™ 1020® is supplied as a powder that is easy to use and disperses well in water. For bulk purchases a liquid version may be purchased.

BENEFITS:

- Creates Highly stable emulsions
- Easy to fill
- Easily dispersed in water
- High activity
- Emulsifies most asphalts

PHYSICAL PROPERTIES:

Appearance: Off white powder.
Flash point: Not applicable
Specific gravity: > 1.0 g/ml
Storage: Store in a well ventilated cool dry place. Keep dry.
Storage life: 12 months minimum (if stored correctly).
Packaging: Supplied in bags (22.7kg)

APPLICATION:

RoadChem™ 1020® may be used in the production of slow setting asphalt emulsions.

RoadChem™ 1020® is an activated bentonite clay derivative.

TYPICAL FORMULATION:

All formulations should be tested in the laboratory before use.

RoadChem™ 1020® 1.6%
Sodium hydroxide 0.15%
Adjust pH to 9.0 ? 10.0
Water: 36.2%
Asphalt: 62%

Acceptable fillers, talc, volclay, vermiculite, rubber buffings

RoadChem™ 1020® gives optimum cement mixing around a pH of 9.0. It must first be dissolved in warm water and pH adjusted using Sodium Hydroxide. Clay emulsion mixer is required.

SAFETY:

A Material Safety Data Sheet is available for this product. Always read the safety data sheet for any chemical prior to use. RoadChem™ 1020® is NON HAZARDOUS.

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