

## RoadChem™ 615® Anioinic High Solids SBR (Styrene Butadiene Rubber) Latex

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



#### DESCRIPTION:

Anioinic high solids SBR (Styrene Butadiene Rubber) latex.

#### BENEFITS:

- High Solids
- Highly compatible with filling systems for industrial applications
- Rapid strength builds up
- Improves aging
- Excellent adhesion
- Increases flexibility & ductility
- Improves crack resistance

#### PHYSICAL PROPERTIES:

**Appearance:** Milky white liquid

**Solids:** 69% -71%

**Specific gravity:** 0.98 @ 78F (25C)

**Styrene content:** Bound styrene 24%,

**Residual Monomer:** 0.09% max

**Glass transition ( DSC):** -58C

**Storage life:** 12 months minimum (if stored correctly).

**Packaging:** Supplied in drums (200 kg) or in bulk.

#### APPLICATION:

RoadChem™ 615® may be post added to any emulsion but co milling by injection into the soap line prior to the mill. Must be pumped with a diaphragm, cavity or air pump to reduce shearing.

RoadChem™ 615® is a anioinic Styrene Butadiene Rubber latex. The latex contains 24% - 26% bound styrene.

RoadChem™ 615® may be used in road applications or in industeial applications requiring flexibility and good low and high temperature properties.

#### PERFORMANCE:

Typical effect on bitumen(100pen)

- Low temperature modulus reduced by up to 30%.
- Ductility increased up to 800%.
- Extension to break : 2000%.
- When used in concentrations as low as 2% may meet most specifications.

#### SAFETY:

A Material Safety Data Sheet is available for this product. Always read the safety data sheet for any chemical prior to use.

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