



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

**DESCRIPTION:**

RoadChem™ 706® is a fatty tetramine formulated as a coemulsifier and stabiliser for cationic microsurfacing and quick set emulsions. It is particularly useful for improving the coating, mixing and emulsion stability properties of microsurfacing emulsions. It may also be used in CMS or CSS emulsions.

**BENEFITS:**

- Stability
- Easy to handle and transport
- Wide range of compatibility with primary emulsifiers.
- Used as a mix time extender in slurry and will not affect the cure time
- May be used in mixing grade emulsions

**PHYSICAL PROPERTIES:**

**Pour Point:** (C) 18C

**Flash Point (Closed Cup):** >60C

**Appearance:** paste

**SG:** 25C 1.0 kg/lit approx

**Storage Life:** Min 12 months in drums or bulk. (10C-50C in covered area in sealed drums).

**APPLICATION:**

**Emulsion Manufacture:**

RoadChem™ 706® should be kept at 60C or higher prior to use for pumping. It should not be stored at above 80C. It should be kept away from water contamination.

RoadChem™ 706® is added directly to the soap solution.

**TYPICAL FORMULATION:**

All formulations should be tested in the laboratory before use.

**Co emulsifier for CRS, CMS or CSS:**

Replace one third to half the emulsifier load, Ensure pH is in the required range for the primary emulsifier, Stabiliser:

Add 0.2-0.5% to the soap solution (based on total emulsion) Ensure pH is adjusted for the primary emulsifier.

**Slurry Seal Quick Set Mixing Aid:**

Add to either the soap solution or in prewet water at 0.2-0.5% based on emulsion.

**NOTES:**

Note also that slurry and microsurfacing emulsions must be designed relatively to the mixture. That is a full ISSA mixture design must be done to verify performance.

**Notes:**

1. Prolonged exposure of RoadChem™ 706® to moisture or carbon dioxide will reduce its activity. As far as possible keep away from water contamination.
2. Latex should be co-milled into the emulsion for the best dispersion, emulsion stability and control of the final properties of the slurry. Latex may be post added or added into the soap if no co milling is not available.

**SAFETY:**

Contains alkaline corrosive materials. Will cause eye and skin irritation if significant contact is made. Use goggles, gloves and protective clothing when handling. Refer to the MSDS for further information.

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