



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

DESCRIPTION:

RoadChem™ 707® is a fatty tetramine material of high emulsifying power it is formulated as a co-emulsifier and stabiliser for cationic emulsions. It is particularly useful for improving mix times and coating in microsurfacing For slow set emulsions it may be used as a primary emulsifier.

BENEFITS:

- Stability
- Easy to handle and transport
- Wide range of compatibility with different emulsions, including Microsurfacing emulsions based on immadazoline an amidoamine materials..
- Used as a mix time extender in slurry and will not affect the cure time

PHYSICAL PROPERTIES:

Pour Point: (C) 18

Flash Point (Closed Cup): >65C

Appearance: Dark paste

SG: 25C 0.8 kg/lit

Viscosity, cps 50C: >300

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

APPLICATION:

Emulsion Manufacture:

RoadChem™ 707® should be kept at 50C or higher prior to use for pumping. It should not be stored at above 60C. It should be kept away from water contamination.

RoadChem™ 707® is added directly to the soap solution.

TYPICAL FORMULATION:

All formulations should be tested in the laboratory before use.

Co emulsifier for CMS , CQS 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™ 707® 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.

Valley Slurry Seal Company, PO Box 981330, West Sacramento, CA 95798, USA.

Phone (916) 373-1500 Fax: (916) 373-1438 Email: vss@slurry.com

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