

REDICOTE® 4442

Application Thickener and stabilizer for asphalt emulsions.

- Advantages**
- *Easy Dispersion:* Redicote 4442 is a free-flowing powder pretreated for easy dispersion in water.
 - *Compatible with Anionic and Cationic Emulsions:* The product is nonionic in character and is compatible with both cationic and anionic emulsion grades.

Typical Dosage	% Redicote 4442 (basis emulsion)			Emulsion properties
	0.05	0.10	0.15	
		X	X	Increases viscosity
	X	X	X	Improves shear stability
	X	X	X	Improves storage stability
		X	X	Improves dilution stability
	X	X	X	Prevents graininess
	X	X	X	Improves fine aggregate coating
		X	X	Prevents emulsion run-off from coarse aggregates
			X	Gives thixotropic properties
		X	X	Aids passing of cement mix test
			X	Retards cure

Redicote 4442 is not recommended for highly acid systems with pH <2. The product can be incorporated *via* the soap phase or added to the finished emulsion. Redicote 4442 can be added directly to water, or pre-dispersed in a solvent such as isopropanol before being added to water, with agitation. Most of the hydration occurs within one hour after introduction to water.

Physical Properties Appearance at 25 °C Powder

Storage and Handling Redicote 4442 is a water-soluble polymer of low hazard. Consult the Material Safety Data Sheet.

Redicote 4442 should be stored in a dry area.

Packaging Information Redicote 4442 is available in paper sacks of 50 lbs. (23kg) net weight.

Redicote 4442

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel Chemicals Inc., however, makes no warranty as to the accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued bulletins on the subject matter covered.