



Redicote® I-249

Additive for clay stabilized emulsions and sealcoats derived from coal tar pitch or bitumen to improve resistance to moisture

Benefits and features

- Reduced moisture absorption**
 The bitumen or coal tar coatings or seals derived from clay-based emulsions can show water adsorption and re-emulsification tendency. Treatment of the emulsion or sealer with Redicote I-249 markedly reduces water adsorption and re-emulsification. The product is suitable for both anionic and cationic recipes.
- Improved durability**
 Sealcoats containing Redicote I-249 provide cured seals with improved results in the wet track abrasion test and other durability tests
- Easy to use**
 Liquid product soluble in water which can be incorporated into finished sealcoat

Storage and handling

Redicote I-249 may be stored in carbon steel tanks. Bulk stores should be maintained at 10-30°C (50-86°F). Redicote I-249 contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Redicote I-249 is available in bulk shipments or in tight head steel drums of 400 lbs (181 kg) net weight.

Dosage

Emulsion or sealcoat	0.5-2.0%	basis binder content
----------------------	----------	----------------------

Product may cause some initial thickening which will reduce on stirring

Specification

Amine value, mg KOH/g	187-200	VE 5.007
-----------------------	---------	----------

Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	>100 (>212°F)
Pour point, °C	4 (<39°F)

	20	30	40	50	°C
	68	86	104	122	°F
Density, g/cc	0.91	0.90	0.89	0.89	
Density, lbs/U.S. gal	7.53	7.48	7.44	7.39	
Viscosity, mPa.s (cP)	130	75	50	34	

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Contact us directly for detailed product information and sample request
website | nouryon.com/markets/asphalt
email | asphalt@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However, Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

Products mentioned are trademarks of Nouryon and registered in many countries.

nouryon.com