

Redicote[®] 540

Cohesion enhancing co-emulsifier and additive for microsurfacing and slurry emulsions made with low acid bitumens.

Benefits and Features

- Improved cohesion development:**
 When Redicote 540 is incorporated into the emulsion, slurry mixtures show faster cohesion development even with low acid bitumens.
- Easy to use:** Unlike other additives the Redicote 540 can be simply incorporated into the soap phase together with the regular emulsifiers like Redicote 404.
- Improved durability:** Much improved Wet Track Abrasion Test results are obtained in systems containing Redicote 540, which indicates better durability
- Low hazards:** The product has been formulated with low hazard components and is not restricted for transport.

Dosage

Slurry and Microsurfacing Emulsion 0.2-0.5% pH 1.0-2.0 Hydrochloric acid
The product is used together with standard slurry emulsifiers like Redicote 404

Specification

Appearance at 20°C	clear liquid	AB-46-1200
Acid Value, mgKOH/g	150-165	AB-46-1225
Water, %	0.5max	AB-46-1208

Physical Properties

Appearance at 20°C (68°F)	Liquid
Pour point, °C	0 (32°F)
Flash point, °C	>200 (>392°F)
Viscosity, mPa.s (cP) at 20°C (68°F)	95
Density, g/cc at 20°C (68°F)	0.940
Density, lbs/U.S.gal at 20°C (68°F)	7.84

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

Storage and Handling

Redicote 540 may be stored in carbon steel tanks. Bulk storage should be maintained at 5-35°C (41-95°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture.

Redicote 540 is a concentrated surfactant and may be irritating to skin and eyes. Protective gloves and safety goggles must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging Information

Redicote 540 is available in bulk shipment, or in steel tight head drums of 190kg (419lbs)

Notes

Redicote, Rediset, Kling, Perma-Tac, and Wetfix are registered trademarks in many countries.

No representation or warranty, expressed or implied, is made as to the accuracy or completeness of the information of data contained herein and AkzoNobel Surface Chemistry shall have no obligation or liability whatsoever with respect to any such information or data, including, but not limited to, any liability for infringement of patent or other industrial property rights. AkzoNobel Surface Chemistry disclaims all implied warranties of merchantability and fitness for a particular purpose. AkzoNobel Surface Chemistry shall in no event be liable for incidental or consequential damages, including, without limitation, lost profit, loss of income, loss of business opportunity and any other related costs and expenses.

© AkzoNobel 2014

Issued: 18 January 2015- North America

North America: Chicago, Illinois, U.S.A., T: 800 906 9977, e: cstrusa@akzonobel.com

South America: Itupeva, SP, Brazil, T: +55 11 45918938, e: sc-southamerica@akzonobel.com

Europe: Stenungsund, Sweden, T: +46 303 85000, e: surfactants.europe@akzonobel.com

Asia/Pacific: Shanghai, China, T: +86 21 2220 5000, e: surfactants.asia@akzonobel.com