

RailGuard® TOP OF RAIL FRICTION MODIFIER

Whitmore's RailGuard® is specifically designed for application to the top of the rail. It effectively brings the friction coefficient into the ideal range, reducing noise and wear.

No other product can match RailGuard® for all-round performance. The carry-down from the applicator is outstanding. Product has been detected as far as one mile (1.5 km) from the applicator.

A long-term study (17 months) in Europe demonstrated wear reduction of 75%. (The study was conducted on a curved section of track that had been experiencing rolling contact fatigue.)

Tests in both Europe and Asia have shown consistent reductions in noise of 3.7 to 4.0 dB. The tests compared dry rail to rail treated with RailGuard® Heavy. More importantly, the high-pitched squeal was eliminated.

RailGuard® does not interfere with shunting, traction or braking.

BENEFITS:

- REDUCES WEAR - Extends rail life and intervals between grinding.
- WATER RESISTANT – RailGuard® is not easily removed even by pounding rain.
- NOISE – Eliminates high-pitched squeal.
- LONG CARRY-DOWN - This reduces the number of applicators needed.

APPLICATIONS:

RailGuard® is suitable for use in trackside systems designed to deliver product to the top of the rail.

ASTM #		TYPICAL CHARACTERISTICS
		Heavy
	Appearance	Tacky Black Gel
D-2983	Brookfield Viscometer Spindle 6 @ 10 rpm @ 77°F (25°C), cps Spindle 7 @ 5 rpm @ 77°F (25°C), cps	-- 265,000
D-92	Flash Point, °F (°C) Cleveland Open Cup	>400 (204)
D-2596	Four Ball EP Weld Point, kg	800
	Usable Temperature, °F (°C)	Above 40 (5)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Pails w/Liners



An ISO 9001 and ISO 14001 registered company • www.whitmores.com

LIMITED WARRANTY: The Whitmore Manufacturing Company makes the Limited Express Warranty that at the date of delivery, its goods shall be free from defects in Whitmore's materials and workmanship and shall meet the express written statements of quality, if any, made by Whitmore in connection with the sale of the goods. Other than such Limited Express Warranty, there are no express warranties made with respect to the sale of goods and all implied warranties existing under the law are expressly disclaimed and negated, particularly, Whitmore NEGATES AND DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. All other liability, either in contract or tort, including without limitation, strict liability found in Section 402A of the Restatement of Torts or otherwise, is negated and disclaimed. The sole remedy for Whitmore's breach of such Limited Express Warranty shall be a refund of the purchase price of its goods, and Whitmore shall have no responsibility for incidental or consequential damages sustained as a result of the use of the goods, whether sustained to the goods themselves or to other property. Data listed are subject to usual manufacturing variations.