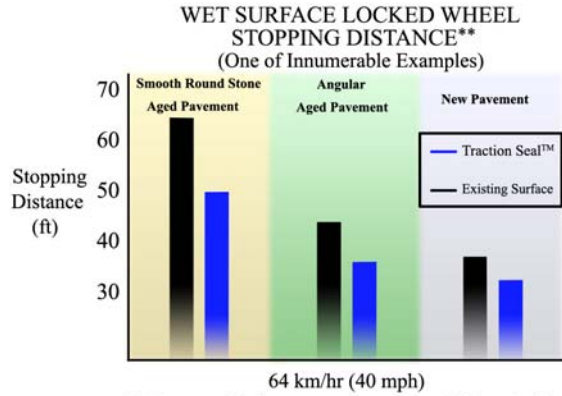
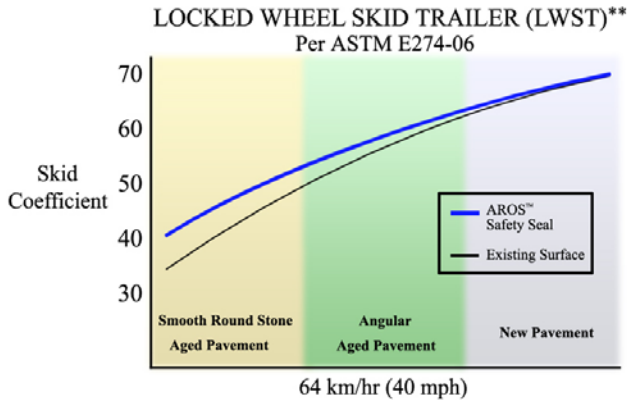


TECHNICAL DATA SHEET

AROS™ Safety Seal SHF

(PAT. PEND)

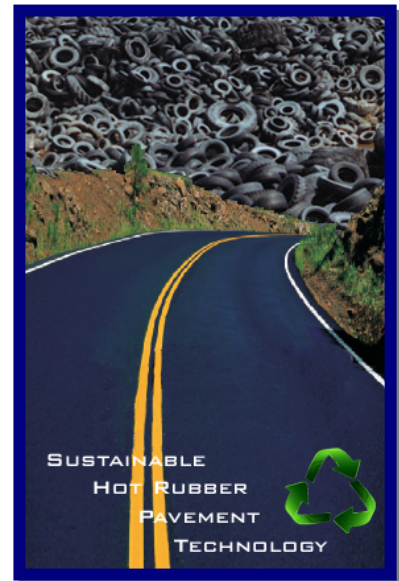
AROS™ Safety Seal Streets & Highway Formula (SHF), patent pending, defines a completely new and cost effective option for the maintenance of pavement *in the driving lanes*. A single, durable coating of AROS™ Safety Seal SHF will: 1) stabilize and/or repair raveling and micro-fissure(s), 2) interrupt progressive oxidative embrittlement, 3) reverse diminished surface friction and 4) reduce tire noise.



** Pavement friction measurements are useful in evaluating the safety of a pavement relative to other pavements in the system, but they should not be used for quantitative determination of stopping distance. (NCHRP Synthesis 291)

AROS™ Safety Seal SHF consists of: 1) a finely ground tire (80-140 mesh) immersed and reacted in a waterless, up to 350°F polymer modified asphalt, 2) the reacted hot rubber adhesive is then compounded with a proprietary emulsion. Thereafter it is further prepared for resistance to environmental destruction and tire wear through the interfusing of a proprietary, aerospace polymer-grafted, ceramic nano-fiber analog. Upon application the AROS™ Safety Seal SHF wicks into rock pores, crevices, fissures and any asphalt medium and then *shrink wraps*, upon curing, into a tough, flexible, skid resistant film which protects the upper pavement cross section.

Application by proprietary spray equipment at spread rates of ca 0.30-0.50gal/sq. yd. is performed after a typical field dilution of 15-20%.



Physical Properties

Cationic emulsion	pH = 2.5 - 4.5
Solids by distillation	60 - 65%
Stone Gradation	-20
Ground tire rubber (ARB)	≥15%
Wet Track Abrasion Test (6 day)	< 10g/ft ²
Viscosity (Emulsion)	>100 sec

(For more information please visit www.coepolymer.com)

Consult MSDS before use. Do not allow to freeze.

** Simulated test results. Performance may vary and should be verified on specific pavement sealing project(s).

Environmental Properties

Health/Fire/Reactivity	1-0-0
HAPs - PAHs	None
VOC	Zero
Toxicity/Carcinogenicity	None/None
Municipal Landfill (residue)	Yes
Aquatic Life	Not a Threat
Carbon Footprint	Zero