

# SAFE RIDE

## Bicycle Lane Coating

**SMT-158**

REVISED 12/13/16

### PRODUCT DESCRIPTION

Safe Ride Bicycle Lane Coating is a 100% Acrylic Self-Crosslinking Polymer Emulsion designed as a highly durable pavement color coating. Safe Ride is fortified with specifically graded aggregate providing a textured surface for slip-resistance and added durability. Safe Ride bicycle lane coating meets the Manual on Uniform Traffic Control Devices (MUTCD) requirements for Green color night time and day time chromaticity ratings. Safe Ride is a single component ready-to-apply product.

### USES

Safe Ride is primarily designed for bicycle lanes on asphalt streets and roads. Safe Ride provides a Safe Zone for bicyclists on city streets and other high traffic roadways.

Product Data	
Characteristics	Requirement
Resin	Cross-linking Acrylic
% Solids by Weight	>74%
% Solids by Volume	>60%
Weight per Gallon	13.5 lbs./gal ± .5 lb.
% Non-reactive Fillers	<38%
% Silica Sand	>15%
Volatile Organic Compounds (VOC)	<50 grams per liter
Boiling Range	Above 212°F
Vapor Density	Heavier than Air
Flashpoint ASTM D3278	>450°F
Viscosity @ 70°F (20°C)	90-120 KU
Dry mil thickness per coat	20 to 25 mils
Recommended Number of Coats	2-3 coats
Dry Time (to re-coat) @ 50°F (10°C) @ 50% RH	45 minutes
Dry Time (to re-coat) @ 90°F (32°C) @ 50% RH	25 minutes
85% Cure (for traffic) @ 50°F (10°C) @ 50% RH	5 to 7 hours
85% Cure (for traffic) @ 90°F (32°C) @ 50% RH	1 to 3 hours
ASTM 2486 Scrub Resistance (25 dry mils) 50% applied as a per manufacturers specifications	6000 cycles to max loss of 50% coating
Dry mil build thickness per coat	20 to 25 mils
Temp. limits for service (of cured material)	-40°F to 150°F
Friction with locked wheeled tester at 30 mph	>50 FN30R
Pedestrian Friction ASTM E303 British Pendulum	>75 BPN

### COVERAGE

Typically one gallon of Safe Ride Bicycle Lane Coating will cover approximately 50 square feet per coat. Two to three coats are recommended for optimum durability and performance.

### SURFACE PREPARATION

Surface must be clean and free from all loose material,

dirt, grease, and oil.

### COLOR

Bright green. Meets the Manual on Uniform Traffic Control Devices (MUTCD) requirements for Green color night time and day time chromaticity ratings.

### APPLICATION EQUIPMENT

Spraying is the preferred method of application. A textured spray unit is recommended. Safe Ride can also be applied by brush or roller.

### MIXING PROCEDURES

Safe Ride is ready to use. Stir material thoroughly before applying.

### APPLICATION

For optimum performance and durability, apply a minimum of two coats of Safe Ride Bicycle Lane Coating. Allow first coat to dry thoroughly before applying second coat. A third coat of Safe Ride may be applied in high traffic/high wear areas for added durability.

### PROTECT CONTAINERS FROM FREEZING

### WARRANTY AND DISCLAIMER

The statements made on this specification sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose. Warranty is void on multi-coat applications if material made by other manufacturers is used with this product.