

# Masurf<sup>®</sup> CR-118

## StayClean<sup>™</sup> Hard Surface Protection System Concrete Release Coating

### Overview

Masurf CR-118 is a unique functionalized polymer system optimized to impart a durable **Concrete Releasing** surface protectant and soil resistant coating. Utilizing **Mason StayClean<sup>™</sup> Technology**, Masurf CR-118 cures and cross-links to create a hard, highly effective invisible concrete release coating for concrete, metal and painted surfaces.

Masurf CR-118 is a concentrated, freeze-stable, water dilutable aqueous solution designed to be a durable concrete release coating for a wide range of substrates including low energy, hard to wet surfaces. CR-118 imparts a durable concrete release coating for **concrete Tilt-Up Walls, multiple-reuse of treated Concrete Forms**, and for **easy clean-up of Tools and Mixing Equipment**. Effective on steel, aluminum, wood, concrete and paperboard forms. Dries to touch in 30 minutes to 2 hours, and achieves maximum performance in 6-12 hours.

Masurf CR-118 is Non-Flammable, low VOC, and does not contain or release ozone depleting chlorofluorocarbons (CFC's), alkylphenol ethoxylates (APE's), and does not release formaldehyde. Masurf CR-Surface Protection Products do not contain PFOS, and do not release or have been shown to degrade to perfluorooctane sulfonate (PFOS).

### Typical Properties

Classification .....	Functionalized acrylic polymer
Physical form.....	Light amber solution
Non-volatile (1hr. @105°C, %)	18.0±1.0
Specific gravity (25°C)	1.04±0.04
pH.....	4-7
Flash point.....	>200°F (PMCC)
Shipping .....	Non-Red Label
Storage.....	Store at 32°F(0°C) to 100°F (38°C)

### Handling Information

Refer to and follow the guidelines in the Material Safety Data Sheet (MSDS) available from Mason Chemical Company for information on the safe use, handling and disposal of this product.

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## Application:

### Dilution:

The recommended dilution of Masurf CR-118 is 1:9 in water, but can be diluted from 1:5 to 1:9 depending on cost/performance requirements.

### Surface Preparation:

Thoroughly clean surfaces prior to application, to remove rust, scale and previously applied release agents.

### Application:

Spray application is recommended, but CR-118 solutions can be applied with roller, mop or brush. Brush out runs or puddles for a thin uniform coating. Dries to touch in 30 minutes to 2 hours, and achieves maximum performance in 6-12 hours. For best results, dry/cure overnight before use. Reapply as needed.

### Clean-up of CR-118 solution:

Clean application equipment with soap and water.

### Coverage:

Recommended application range is 500-1800 sq. ft./gal. of application (1:5-1:9) solution.