

# TA-500 Loop Sealant Specifications Sheet

## Composition

TA-500 loop sealant is a single component, asphaltic emulsion sealant, designed to fill and seal INDUCTIVE LOOP "SLOTS." TA-500 loop sealant comes ready to use, requiring only stirring prior to use. Partial containers may be re-used if container lid is properly secured after use. TA-500 is "POLYMER" modified, for greater flexibility, and adhesion in both asphalt, or concrete "SLOTS."

## Specifications

TA-500 Loop Sealant MEETS OR EXCEEDS THE STATE OF CALIFORNIA SPECIFICATION (CALTRANS) #8040-41A-15, for ASPHALTIC EMULSION SEALANTS.

## Surface Preparation

"SLOTS" shall be free of dust, debris, and water prior to the application of TA-500 loop sealant. The use of an "air-jet" is recommended to achieve the above. "SLOTS" that are slightly damp or moist are recommended to assure desired penetration, and adhesion of TA-500 loop sealant in the "SLOT."

## Application

Mix TA-500 loop sealant thoroughly prior to use (when using a mechanical mixer, avoid over mixing, as this may entrain air into the "SLOT," and result in voids in the cured seal). TA-500 loop sealant can be poured directly from the container, or poured into any other suitable applicator. Apply TA-500 loop sealant directly into the "SLOTS" and immediately "strike-off" using our easy to handle "V" shape squeegee. This procedure will reduce waste, and assure that the "SLOT" is properly filled.

## Coverage

TA-500 loop sealant will fill, and seal approximately 30 linear feet of 1/4" x 2" "SLOTS" per gallon. This will vary depending on width/depth of the "SLOT," as well as application technique.

## Dry/Cure Time

Dry-time is approximately 5 to 10 minutes in warm weather (70 degrees f.). This is the time required prior to vehicle traffic. For earlier traffic, cover TA-500 loop sealant with a "Fine" dry sand. Dry-time will vary depending on weather conditions, and the amount of TA-500 loop sealant on the permanent surface.

Cure-time will depend greatly on the width/depth of the "SLOTS" filled, and weather conditions. TA-500 loop sealant may feel soft to the touch for several days after application, without affecting the final results. TA-500 loop sealant cures by evaporation of water, unlike the "chemical cure" of other systems.

## Clean-Up

Water can be used to clean TA-500 loop sealant from tools, and equipment, prior to drying. A suitable petroleum solvent is required to remove dried product. Heavy residue can be removed with the use of a "steel" scraper prior to using solvent.

## Packaging

TA-500 loop sealant is available in 5-gallon plastic pails.

## Precautions

Do not store in direct sunlight, or in temperatures above 100 degrees f. TA-500 loop sealant shall not be applied during or when rain is imminent. Application temperatures shall be 40 degrees f. and rising. Do not dilute or alter TA-500 loop sealant, use as received. Protect from freezing.