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STAT-A-FLEX PRODUCT DATA SHEET

PRODUCT NAME: STAT-A-FLEX TRAFFIC LOOP SEALER
CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PHYSICAL PROPERTIES:

BOILING POINT: 293°F (Styrene)
SPECIFIC GRAVITY: 1.25 +/- 0.15
VAPOR PRESSURE: (mm Hg) 5.2 (Styrene)
PERCENT VOLATILE BY WT : 18-22 %
VAPOR DENSITY (AIR=1): 3.6 (Styrene)
EVAPORATION RATE (Bu Ace=1): UK
SOLUBILITY IN WATER: Negligible
WEIGHT PER GALLON: Approx. 10.5 lbs
SHORE D HARDNESS @ 24HRS: 73 +/- 5
VISCOSITY: 104 KU
GEL TIME (@ 77 ° F): 10 – 20 min. [ASTM C881]
TACK FREE (@ 77 ° F): 15-25 min.
CURING TIME (@ 77 ° F): 45-60 min.
ELONGATION: 18 - 20 % [ASTM D638-96]
TENSILE STRENGTH: > 1000 psi [ASTM D638-96]
FLEXURAL STRENGTH: >1200 psi [ASTM D790]
ADHESION
Steel : 800 +/- 100 psi
Portland Cement: 300psi [ASTM D3163-84]
ABSORPTION 24 HOURS
Water: 0.2% [ASTM D570]
No. 3 Oil 0.02% [ASTM D570]
Gasoline 0.04% [ASTM D570]
Jet Fuel (Submersion No Dissolution) 0.06%
3% NaCl 0.2%

STAT-A-FLEX ADVANTAGES:

- Two part, component system, utilizing a liquid methyl ethyl ketone peroxide (MEKP) hardener.
- Bonds to all road surfaces
- Self leveling liquid / Pours fluidly
- Requires no special equipment, just mix and pour
- Cures in less than 20 minutes to produce a tough weather resistant seal
- Adjustable dry times regulated by amount of hardener (MEKP) added
- Totally encapsulates traffic detector loop wire
- Will not react with wire insulation
- Formulated to withstand stresses due to traffic vibrations
- Resistant to cracking caused by expansion and contraction due to temperature changes
- Resistant to most chemicals and solvents including road salts, acids, hydrocarbons, brake fluids, oils, gasoline and jet fuel
- Available in 1 Gal., 3.5 Gal., and 5 Gal. pails

STAT-A-FLEX Application Instructions:

- For best results STAT-A-FLEX should be mixed with a powered mixer
- Mix for one minute, then pour in desired amount of hardener and mix for two minutes
- Pour STAT-A-FLEX into saw cut to be filled (It's that easy!)
- Hardener component amounts may be adjusted according to temperature
- An ACCELERATOR is also available for use in colder climates to further reduce drying time
- NOTE: Improper mixing may cause poor results

STAT-A-FLEX Storage and Shelf Life:

- Best if stored at temperatures under 80 °F
- Shelf life of 12 months (unopened)