

TECHNICAL DATA SHEET
PETROGUARD

A high solids primer and sealer to be used as a coupling surface between the **STEELGUARD** surfacer and contaminated pavement. It is designed for use over previously prepared crankcase oil and grease spots; and hairline cracks. **PETROGUARD** is designed to attack and permanently bond to previously adulterated substrates which have been scraped and/or otherwise cleaned of petroleum based chemical build-up. Its tough but semi-ridged film characteristics insure movement with the adhered surface. Superior irregular surface wet out, low cure shrinkage and weather resistant chemistry assure long term underlayment durability.

Available in 5 and 55 gallon containers.

ADVANTAGES:

- Tenaciously bonds to most substrates.
- Inhibits thermal pumping of oil contaminates through new coating.
- Rapid Curing - Traffic ready in minutes under normal sealing temperatures.
- May be installed as a stand alone surfacer with medium term longevity.
- High water and skid resistance.
- Low VOC and odorless.

USES:

- As a primer and sealer over prepared traffic surfaces contaminated by vehicle drippings.
- As a bridging membrane for small fissures and cracks in pavement.

TRANSPORTATION:

DOT: Not regulated.

APPLICATION:

Oil and Grease Spots – Thoroughly remove by use of scraper, wire brush, torch, power washer, etc. all surface contaminants such as build-up of old paint, drivetrain oil and/or grease deposits, etc. from asphalt pavement to be sealed with **PETROGUARD**. Do not use hydrocarbon solvents to clean the surface.

Brush, roll or spray a thin coat of **PETROGUARD** over the entire prepared area to a distance of at least two inches beyond all subsurface stain. Allow to fully cure before proceeding with the application of any other top surfacing such as **STEELGUARD**.

Asphalt Pavement Microfissuring – Assure that all loose material has been removed to a sound, uncontaminated substrate. Brush, roll or spray an approximate 25 mils (1.5 gal/100 sf), wet film thick application of the **PETROGUARD** over the fissured area. Wait for it to turn from purple to deep purple then apply a second film of the same approximate thickness. This is necessary to achieve optimal **PETROGUARD** fissure blocking of thermally induced expansion and contraction. Cracks wider than one-sixteenth of an inch (1/16") should be filled with **ROADWELD** cracksealer prior to coating with **PETROGUARD**.

Immediately clean implements, including hoses, with cool water after application. PETROGUARD may crosslink if left standing in sun exposed spray hoses.

STORAGE AND HANDLING:

- Keep out of reach of children.
- Do not allow to freeze prior to application.
- Do not thin or mix with any other products.
- Do not store near heat or open flame.
- Avoid prolonged skin contact and breathing of vapor.
- Keep containers tightly sealed when not in use.
- Do not take internally. Do not induce vomiting if swallowed--call a physician immediately.
- Store, handle and dispose per MSDS requirements.

SHIPPING INFORMATION:

For technical assistance call CSI @ 916-387-0316

CONTAINER SIZE	UNITS PER PALLET	CUBIC FT PER PALLET	WEIGHT PER PALLET	PALLETS PER 48' TRAILER
5 Gallon Pails	48	57	~3050	15
55 Gallon Drums	4	58	~2800	17

PHYSICAL PROPERTIES:

Water Absorption	< 1%	ASTM D-570
Weight per gallon	~ 12.0 lbs / gal	ASTM D-1475
Cured Film thickness per gallon	~ 11 mils	ASTM C-836
Percent by weight	~65 %	
Biocide content	NONE	
VOC	< 10 grams/ litre	BAAQMD Vol 3 Lab 22