

PETROTEX™

Oil and Water Repellent for Concrete and Masonry

MANUFACTURER

L&M Construction Chemicals, Inc.
14851 Calhoun Road
Omaha, NE 68152
Phone: (402)453-6600
FAX: (402)453-0244
Website: www.lmcc.com

PRODUCT DESCRIPTION

PETROTEX is a ready to use, quick drying, low odor, water-based solution containing a new generation, invisible, and VOC compliant emulsion of silane, siloxane and fluoropolymers. **PETROTEX** effectively treats concrete pavements, driveways, commercial and industrial building floors to resist the penetration of water and oil. **PETROTEX** penetrates into the surface, forming a long lasting oil and water repellent barrier that retards the penetration of these contaminants.

PETROTEX leaves no film and invisibly protects concrete and other surfaces from oil drippings and road salts. This product is compatible and recommended for use with chemically hardened concrete floors, especially exposed, commercial and industrial floors that have been treated with L&M SEAL HARD and floors that have been ground and polished using L&M's FGS PermaShine process. Floors treated with **PETROTEX** are easier to clean and keep clean.

Basic Use: **PETROTEX** effectively protects surfaces from oil and water penetration. This product is recommended for use on a variety of surfaces, including commercial and industrial concrete floors, machine shops, car oil change facilities, vehicle repair facilities, bus terminals, concrete pavements and driveways, brick and concrete pavers, natural stone and unglazed ceramic tile. This product is also compatible with floors treated with chemical hardeners and densifiers.

FEATURES & BENEFITS

- Provides good oil repellency resisting staining for improved aesthetics.
- Makes oil and grease easier to remove from treated surfaces decreasing maintenance requirements.
- Provides excellent water repellency to reduce cracking, spalling and freeze/thaw damage.
- Ready to use formula for easy application.
- Compatible with chemically hardened floors: especially, L&M Seal Hard and FGS PermaShine.
- Formulated to minimize darkening effects, thus not greatly changing substrate appearances.

ESTIMATING

PETROTEX is packaged in ready-to-use 1 gal. (3.8 liter), 5 gal. (18.9 liter) pails, and 55 gal. (208 liter) drums. Containers are identified with product name and batch code.

Typical coverage rates, depending upon substrate porosity and anticipated conditions, are:

Porous and broomed surfaces: 100 sq ft./gallon
Smooth, or medium troweled: 150 sq ft./gallon
Dense, hard troweled concrete: 200 sq ft./gallon

Additional coats may be necessary under certain conditions.

TECHNICAL DATA

PETROTEX properties:

Appearance White, opaque emulsion
Composition Silane/siloxane/organic polymer
Density lb/gal (g/ml) ... 8.3 (1.0)
Flash Point, °F (°C) ... 200°F (93°C)
Viscosity Water-like
pH 7-8
Odor Pleasant
VOC, grams/liter <250

INSTALLATION

Surface Preparation: Surfaces should be clean from dust, dirt, oils, grease, curing compounds, other coatings, efflorescence and laitance before applying **PETROTEX**.

If strong acidic or caustic cleaning agents are used, neutralize the surface and completely wash to remove any residues. Before using any surface preparation method a test patch should be performed, with the customers' approval of the result. These preparation methods may change the surface texture profile.

New Concrete: New concrete should be allowed to cure for at least 28 days before applying **PETROTEX**. In addition, any repair work should be performed at least 3 days before **PETROTEX** is applied. Remove all sealers or curing compounds before treating.

Application: Agitate thoroughly before use. **PETROTEX** can be applied by brush or low pressure spray. Water and oil repellency starts to develop within 24 hours and is complete within one week. Beading generally improves over time.

One application of **PETROTEX** will provide effective protection on most surfaces from penetration of oil and water. A second application may be required for medium or very porous surfaces. For porous surfaces, or surfaces



that are expected to receive a high level of oil contamination, a second coat is recommended to be applied within 4 hours of the first application.

A test patch should be performed prior to general application to ensure that desired water and oil repellency and appearance are achieved on surfaces. Because the surface might become discolored, it is advisable to test the product on an inconspicuous area. Always broom out all puddles until product is completely absorbed.

Clean all treated surfaces with suitable non-acid cleaner as soon as they have been exposed to oil, grease or paint. Surfaces that are mechanically cleaned may need reapplication with **PETROTEX**.

Clean Up:

Thoroughly rinse application equipment with clean water.

FOR BEST RESULTS:

PETROTEX is a penetrating repellent, it is not a coating. Treated and protected surfaces will absorb oil or water when exposed over time. Clean up spills as soon as possible to minimize potential staining. Not intended for below grade waterproofing. Over-application of **PETROTEX** may cause a slight darkening of the surface. **PETROTEX** requires 7 days after application to develop its maximum repellency. Not compatible with surfaces previously treated with a water repellent. Also, fully cured surfaces resist further treatment. On pavements and commercial floors, treated surfaces will resist adherence of paints and coatings.

Keep in an enclosed container when not in use. Protect glass, plastic products, shrubbery and plant life from over spray. Do not apply if air or substrate temperature is below 40°F (4°C) or above 100°F (40°C). Avoid application if rainfall is expected within four hours, or if rain has preceded the application in the past 24 hours. Avoid application in high winds.

PRECAUTIONS

Applicators should wear rubber gloves and eye protection. Keep from freezing. Petrotex is destroyed by freezing. If Petrotex freezes, it cannot be thawed, mixed and reused.

Please refer to the material safety data sheet (MSDS) for more detailed information.

STORAGE/SHELF LIFE

PETROTEX has a shelf life of up to 12 months provided its stored in a tightly closed container and protected from sunlight, and stored at temperatures between 40°F (4°C) and 100°F (40°C).

FAX ON DEMAND/WEBSITE

L&M's exclusive Fax On Demand and its convenient Internet website offer instant access to Tech Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Simply dial 800-839-9887 or visit www.lmcc.com and follow the easy steps.

LIMITED WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to L&M Construction Chemicals ("L&M") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond L&M's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. L&M shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. L&M's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

For Professional Use Only.

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