

APPLICATION INFORMATION

(Continued)

SAFETY PRECAUTIONS

HARMFUL OR FATAL IF SWALLOWED

Contains: Silicone

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wear protective goggles, gloves and clothing. Avoid prolonged breathing of vapors. Use with adequate ventilation or approved respirators in confined areas or when spray applying. Respirators should be inspected frequently to prevent accumulation of airborne particles from saturating the respirator and presenting a health hazard. Do not take internally. Store and use away from heat, open flame or spark sources. Close container tightly after each use. Do not transfer to unlabeled or breakable containers. Use only for purposes intended. Keep out of reach of children.

EFFECTS OF OVEREXPOSURE:

Contact with eyes or prolonged or repeated contact with skin can cause irritation and inflammation. Prolonged breathing of vapors can cause respiratory difficulty, dizziness, headache, nausea, irritation of nose or throat, drowsiness, fatigue, pneumonitis, pulmonary edema or central nervous system depression. Ingestion can cause symptoms similar to inhalation; aspiration into lungs can cause serious injury or death.

FIRST AID PROCEDURES: Eye Contact - Flush with water for 15 minutes. If pain or redness persists, seek medical attention immediately. Skin Contact - Wash with soap and water after wiping off excess material. If irritation persists, seek medical attention. Inhalation - Remove to fresh air. If breathing difficulty persists, give oxygen or resuscitate and SEEK MEDICAL ATTENTION IMMEDIATELY. Ingestion - Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. SEEK MEDICAL ATTENTION IMMEDIATELY.

PHYSICAL EMERGENCY PROCEDURES: If ignited, extinguish with CO₂ or dry chemicals. Water or foam may cause frothing. Water may be used to keep containers cool or flush spills away from area of involvement.

Consult Material Safety Data Sheet (MSDS) for this product or call Southwestern Petroleum Corporation at (817) 332-2336 for further health and safety information.

PRODUCT DATA BULLETIN II

SILICONE SEAL II (Water Base)

DESCRIPTION AND PURPOSE:

SWEPCO Silicone Seal II is a clear, colorless water base protective finish for unpainted, porous, above ground concrete, stucco, unglazed brick, limestone and other types of masonry surfaces. It is effective for both exterior or interior use. A high content of premium quality sodium methyl silanolate silicone resins provide a water repellent surface which reduces water absorption to trace levels.

OUTSTANDING FEATURES:

IMPROVES THE DURABILITY OF MASONRY SURFACES

SWEPCO Silicone Seal II improves the durability of masonry surfaces. By all but eliminating water absorption, it reduces deterioration from repeated wetting and drying cycles. And because the masonry does not absorb moisture during winter, freeze/thaw damage doesn't occur.

KEEPS MASONRY LOOKING GOOD

SWEPCO Silicone Seal II helps preserve the appearance of attractive masonry surfaces. It greatly improves resistance to staining from dirt and other air and water borne contaminants. When particles do settle on the surface, they are much more easily washed away by rain or periodic maintenance.

KEEPS WATER OUT, BUT WON'T SEAL MOISTURE IN

At the same time that it repels water, the protective finish provided by SWEPCO Silicone Seal II "breathes". So it won't trap damaging moisture inside the masonry where it can cause accelerated deterioration and even damage of structural reinforcing steel.

HELPS PREVENT EFFLORESCENCE

SWEPCO Silicone Seal II is also very effective at minimizing efflorescence. This unattractive phenomenon is caused when salt deposited on the surface by the air or water crystallizes and begins to accumulate. Because SWEPCO Silicone Seal II repels salt laden water and air borne salts, it greatly improves the surface's resistance to efflorescence.

WATER BASE FORMULA MEETS ENVIRONMENTAL CODES

SWEPCO Silicone Seal's water base formulation is non-flammable and meets the most stringent "VOC" (Volatile Organic Compounds) and pollution codes.

EASY APPLICATION

SWEPCO Silicone Seal II is easy to apply with standard painting equipment or low pressure spray units. It goes quickly and starts repelling water within 24 hours. No special skills are required. Maintenance staff workers or hired labor can get professional results by following the simple instructions provided on every container.



FAST, EFFECTIVE PROTECTION FOR A WIDE VARIETY OF MASONRY STRUCTURES

Whether the application is for the protection of walls, signage structures, bridges, parking garages, grain silos, power plant stacks, retaining walls or any other type of porous, unpainted masonry structure, SWEPCO Silicone Seal II goes on fast and provides long lasting protection.

Protect the beauty and durability of your above ground masonry surfaces with SWEPCO Silicone Seal II. You'll be glad you did.

GENERAL DATA:

TYPICAL PHYSICAL PROPERTIES

Viscosity, Ford Cup #1, @77°F (25°C)	95
Specific Gravity, @60°F (15.5°C) (ASTM D-70)	1.017
Unit Weight, lb/gal, @60°F (15.5°C)	8.47
Unit Weight, kg/liter, @60°F (15.5°C)	1.017
Drying Time, to Touch, hr	4-8
Flash Point	N/A
Color	Clear
Shelf Life	Indefinite

TYPICAL PERFORMANCE PROPERTIES

Workability	Permits application by brush, paint-roller or spray
Adhesion	Excellent
Penetration	Excellent
Resistance to Water	Excellent
Water Absorption, Treated Masonry, % wt (TX 630-09-1, 6c)	1 Max
Permeability	Breathing
Water Repellency	Excellent

TYPICAL CHEMICAL ANALYSIS

Active Ingredients, % wt	3
Inert Ingredients, % wt	97

APPLICATION INFORMATION:

IMPORTANT: SWEPCO Silicone Seal II is a clear, colorless waterproofing sealer with excellent water repellency. It is designed to protect porous, unpainted, above ground masonry from deterioration and discoloration caused by moisture without changing its color or texture. It can be used on concrete, stucco, concrete block, unglazed brick, limestone and other types of porous stone. It is not designed for use on any form of glazed, sealed or polished masonry or masonry which has been previously treated with a water repellent material. It is highly recommended that surfaces be tested for compatibility before use.

PREPARATION: New masonry mortar should be permitted to cure at least three weeks prior to application. Clean out and repoint defective joints. Where necessary caulk the surface, especially around window and door frames. Protect windows and aluminum from exposure. Protect shrubbery and other landscape materials with drop cloths or other measures. Surface contaminants such as tar or efflorescence must be removed by wire brushing, sand blasting or washing with a 10% muriatic acid wash. Dirty surfaces must be washed thoroughly with a solution of clean water and a general purpose detergent such as Zonex-K Industrial Cleaner. Rinse thoroughly and allow to dry a minimum of three days in temperatures above 50°F (10°C) or longer in temperatures below 50°F (10°C).

SURFACE TESTING HIGHLY RECOMMENDED: In some rare instances (which are caused entirely by the unique mineral content of the masonry surface being treated), a white surface precipitate may be produced as Silicone Seal II dries. This precipitate is difficult to remove. For this reason, it is advisable to test a small area before proceeding with full areas. Over application, floodcoating, excessive run down and heavy overlapping should always be avoided as they can accentuate this problem.

APPLICATION: SWEPCO Silicone Seal II can be applied with ordinary paint brushes, paint rollers or low pressure spray units directly from the container at the coverage rates recommended below. The surface should be lightly dampened immediately prior to application. No mixing or thinning is necessary. Because SWEPCO Silicone Seal II is designed to protect masonry surfaces without totally sealing the pores of the masonry, excessive brushing, multiple coats, heavy overlapping,

floodcoating and excessive run down should be avoided.

APPLICATION PRECAUTIONS: Do not apply to wet surfaces. Because it is a water-base product, SWEPCO Silicone Seal II will freeze. Do not attempt application in freezing weather. In addition, SWEPCO Silicone Seal II can wash-off if subjected to rain or heavy dew before it has cured sufficiently. It should not be applied in rainy weather or if rain is expected before initial curing can take place. Safest application is on a warm, sunny day with no forecast of rain for 24 hours. Spray application should be performed only with low pressure spray units with medium to coarse spray patterns to prevent excessive misting of the product. Do not breathe mist formed by spraying. If spray application is used, a good painter's mask should be worn as a protective measure. When applying the product indoors or in other confined areas, spray application should be avoided.

COVERAGE RATES:

Dense Surface 0.5 gal. per 100 sq. ft. (0.20 liter/m ²)
Coarse Surface 0.7 gal. per 100 sq. ft. (0.29 liter/m ²)
Extra Porous Surface . 1.3 gal. per 100 sq. ft. (0.53 liter/m ²)

CURING: In sunny conditions, SWEPCO Silicone Seal II becomes water repellent within 24 hours. In cold, cloudy, damp or humid conditions, curing can take longer. Masonry treated with SWEPCO Silicone Seal II may be painted with both oil and waterbase paints after it has weathered for a least one year.

STORAGE: SWEPCO Silicone Seal II has an indefinite shelf life provided containers are tightly sealed and protected from high temperatures. The product should be protected from freezing in shipping and storage.

CLEAN-UP: SWEPCO Silicone Seal II can be removed from tools and other areas with water before it dries. Removal after it dries is considerably more difficult but may be accomplished with kerosene or mineral spirits.

ADDITIONAL INFORMATION: For additional information or recommendations, write: Southwestern Petroleum Corporation, P.O. Box 961005, Fort Worth, Texas 76161-0005; Southwestern Petroleum Canada Ltd., 87 West Drive, Brampton, Ontario, Canada L6T 2J6; or N.V. Southwestern Petroleum Europe S.A., P.O. Box No. 3, B-2390 Oostmalle, Belgium.