

PRODUCT DATA BULLETIN II

CLEAR ACRYLIC SEALER

DESCRIPTION AND PURPOSE:

SWEPCO Clear Acrylic Sealer is a technologically advanced water base thermoplastic acrylic polymer sealer. It is designed to protect bare concrete floors from wear and other forms of deterioration.

OUTSTANDING FEATURES:

PROLONGS THE LIFE OF CONCRETE FLOORS

SWEPCO Clear Acrylic Sealer makes concrete floors last longer because it protects the concrete with an exceptionally hard polymer coating. This tough film of high molecular weight acrylic polymers is harder than other types of concrete sealers, so it provides superior protection from day to day abrasion and wear.

STOPS DUSTING AND POWDERING

SWEPCO Clear Acrylic Sealer puts an end to dusting and powdering problems caused by wearing bare concrete floors. Warehouses and other facilities with concrete floors stay cleaner and inventories don't get covered with concrete dust the way they do with unsealed floors. SWEPCO Clear Acrylic Sealer binds the surface particles together and seals the surface to stop dusting for good.

KEEPS FLOORS LOOKING GOOD

SWEPCO Clear Acrylic Sealer dries to a high gloss finish. The protective finish reduces staining and soil retention and build-up. SWEPCO Clear Acrylic

Sealer goes on clear and stays clear. It won't discolor with age.

MOISTURE & FROST PROTECTION

Although it is not a "waterproof" and will not indefinitely withstand ponded water, SWEPCO Clear Acrylic Sealer does give concrete a great deal of water repellency and enhances run-off. So it provides improved resistance to moisture and freeze/thaw damage in outdoor applications.

EXTRA RESISTANCE TO OIL, GASOLINE, SOLVENTS AND CHEMICALS

SWEPCO Clear Acrylic Sealer also provides extra resistance to oil, gasoline, solvents and many chemicals. In addition to preventing unsightly stains, that means concrete lasts longer because it is protected from these harmful contaminants.

MAKES ROUTINE MAINTENANCE EASIER, MORE EFFECTIVE

Concrete floors protected with SWEPCO Clear Acrylic Sealer don't trap and hold dirt so they are easier to maintain. And because staining is all but eliminated, there is reduced need for extra cleaning procedures for stained areas.

CAN BE RECOATED FOR RENEWED EFFECTIVENESS

Unlike some sealers, SWEPCO Clear Acrylic Sealer can be recoated without removing the old coat of sealer. Periodic recoatings can keep floors in heavy traffic areas in great shape indefinitely and prevent the need for expensive resurfacing.



EASY, FAST APPLICATION
MEANS LESS DISRUPTION

Application of SWEPCO Clear Acrylic Sealer is fast and easy. There are no two-part formulations. For most floors, there is no need for etching or other complex surface preparation. And most of all, floors don't have to stay out of service for days. In normal conditions, SWEPCO Clear Acrylic Sealer is ready for service in four to eight hours. It is applied just as it comes in the container by brush, roller or low pressure sprayers. Staff maintenance personnel can get excellent results every time. Application is even allowed on damp surfaces if necessary, which is not the case with solvent based sealers.

SAFER THAN SOLVENT
BASED PRODUCTS; MEETS
THE MOST STRINGENT
ENVIRONMENTAL CODES

SWEPCO Clear Acrylic Sealer is a water base product. It meets the most stringent "VOC" (Volatile Organic Compounds) and environmental codes and is safer to use than solvent-type sealers.

AN EFFECTIVE CURING AND
HARDENING AGENT FOR
NEW CONCRETE

When finishing new concrete, SWEPCO Clear Acrylic Sealer

can also be used as a curing and hardening compound. Tests have shown that controlled slow curing of new concrete can double the compressive strength of the concrete. SWEPCO Clear Acrylic Sealer retards the evaporation of water, causing the concrete to cure slowly. The result is a harder, more durable surface that will wear longer.

EFFECTIVE IN A WIDE
RANGE OF APPLICATIONS

SWEPCO Clear Acrylic Sealer can be used on both new and old concrete, indoors or outdoors. It provides effective protection for parking garage floors, shopping center floors, automobile dealership floors and service areas, basements, equipment rooms, hallways, warehouse floors, restaurant kitchens, showerrooms, meeting halls, convention centers and exhibit halls . . . anywhere there is a need for more attractive, more durable concrete flooring.

In fact, it can be used on more than just floors . . . sidewalks, driveways, ramps, patios and porches, verandas, balconies and walkways. Its high wear-resistance means it can be used almost anywhere unsealed concrete is used.

GENERAL DATA:

TYPICAL PHYSICAL PROPERTIES

Viscosity, @77°F (25°C), Ford Cup #1	95
Specific Gravity, @60°F (15.5°C) (ASTM D-70)	1.011
Unit Weight, lb/gal (ASTM D-70)	8.42
Unit Weight, kg/liter (ASTM D-70)	1.011
Drying Time, hr	4-8
Flash Point, T.O.C., °F (°C)	N.A.
Freezing Point, °F (°C)	20 (-7)
Color	Clear

TYPICAL PERFORMANCE PROPERTIES

Workability	Permit application by brush, paint roller or spray
Gloss	Very Good
Leveling	Very Good
Resistance to Water Penetration	Very Good
Resistance to Detergents	Very Good

GENERAL DATA:

Resistance to Petroleum Solvents	Very Good
Resistance to Mild Acids and Alkali	Good
Resistance to Salt	Good

TYPICAL CHEMICAL ANALYSIS

Nominal Solid Contents, % wt (Evaporation)	15
Nominal Volatile Contents, % wt (Evaporation)	85

APPLICATION INFORMATION:

IMPORTANT: SWEPCO Clear Acrylic Sealer is a colorless, water base acrylic polymer sealer designed to protect and seal concrete surfaces. It, however, is not a waterproofing product and will not protect concrete from penetration of standing water. It can also be used as a highly effective “curing agent” for new concrete.

PREPARATION: All tools used must be thoroughly cleaned to prevent discoloration of the surface. The surface must be thoroughly cleaned and dry. New concrete should be allowed to set up overnight before application. Extremely dirty surfaces should be washed with an industrial cleaner, such as SWEPCO Zonex-K Industrial Cleaner, rinsed thoroughly and then allowed to dry. Grease and oil should be wiped up with a petroleum solvent, such as mineral spirits. SWEPCO Zonex-K Industrial Cleaner can be mixed with a solvent such as kerosene to form an effective degreasing agent. Heavy deposits of grease and oil must be removed by torching, scraping and etching as necessary. The surface can be damp during application if necessary, but it should not be wet. A water saturated surface will prevent proper penetration of SWEPCO Clear Acrylic Sealer.

APPLICATION: SWEPCO Clear Acrylic Sealer is applied with standard paint brushes, paint rollers or low pressure spray units straight from the container at the coverage rates recommended below. It requires no thinning or other special preparations prior to application. It does, however, require thorough stirring before application and periodic agitation during prolonged applications. SWEPCO Clear Acrylic Sealer must penetrate for greatest protection and to prevent sticky surfaces. To determine if material penetrates try a smaller area first. Any excess liquid residue on surface indicates improper penetration. If improper penetration is indicated, spread the material sparingly. A one coat application can be used, but a two

coat application will provide the most enduring protection. After testing the penetration characteristics of the surface, a first coat should be applied and allowed to become dry to touch. A second, thinly applied coat should then be applied to the surface to provide the best possible protection. On areas where spalling has already occurred, two coats must be applied. Excess liquid remaining on the surface after application should be spread out evenly or wiped off.

When used as a “curing & hardening agent” for newly poured concrete, it should be applied as soon as practical after pouring of the concrete in a one-coat application.

APPLICATION PRECAUTIONS: Good ventilation must be provided during application and curing. Because it is a water-base product, SWEPCO Clear Acrylic Sealer will freeze. Do not attempt application in freezing weather. In addition, SWEPCO Clear Acrylic Sealer can wash-off if subjected to rain or heavy dew before it has cured sufficiently. It should not be applied in outdoor applications during rainy weather or if rain is expected before complete curing can take place. Normally the surface will become water resistant within 4-8 hours, but in cloudy, damp, cool, humid or foggy conditions, curing can take longer. Safest application outdoors is on a warm, sunny day with no forecast of rain for at least 24 hours. Spray application should be performed only with low pressure spray units to prevent excessive misting of the product. Do not breathe the mist formed by spraying. If spray application is used, a good painter's mask should be worn as a protective measure. Exposed food stuffs or other items which might be harmed should be removed from the area. Application should not be attempted when temperatures are below 40°F. (4°C).

APPLICATION INFORMATION

(Continued)

COVERAGE RATES:

First Coat, Dense Surfaces 0.25 gal.
per 100 sq. ft. (0.10 liter/m²)

Second Coat, Dense Surfaces 0.17 gal.
per 100 sq. ft. (0.07 liter/m²)

First Coat, Porous Surfaces 0.50 gal.
per 100 sq. ft. (0.20 liter/m²)

Second Coat, Porous Surfaces ... 0.34 gal.
per 100 sq. ft. (0.14 liter/m²)

CURING: SWEPCO Clear Acrylic Sealer dries in 4 to 8 hours. In humid environments, curing can take longer.

STORAGE: SWEPCO Clear Acrylic Sealer has a shelf life of up to one year provided contents are stored tightly sealed and protected from high temperatures. SWEPCO Clear Acrylic Sealer will freeze and should be protected from freezing temperatures during transit and storage.

CLEAN-UP: SWEPCO Clear Acrylic Sealer can be removed from tools and other areas before it dries with soap and water. After it dries it is extremely difficult to remove but can sometimes be cleaned up with kerosene, mineral spirits or paint strippers.

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.

SAFETY PRECAUTIONS

HARMFUL OR FATAL IF SWALLOWED

Contains: Propylene Glycol

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 solvent 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 PROCEDURE:

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.

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