



Prevents Deterioration & Corrosion From Chemicals Rehabilitates Existing Damage

Swimming pool service vehicles and similar services transport corrosive chemicals as part of the service they provide. The damage to the vehicle caused by unavoidable leaks and spills includes ruined paint and physical breakdown from corrosion that eats away at the metal. This irreversible property damage causes loss of asset value and in sever cases may also lead to inability to service paying accounts. Neither aspect is good for business.

In keeping with its tradition for diverse and unique innovations over more than a decade, Liquiguard Technologies' **CHEMSYSPRO** now offers a revolutionary solution to address the problem. The multi-componet **CHEMSYSPRO** offers a selection of coating solutions that can be combined to achieve customized end results. The coatings explained below can be used to protect new service vehicles against leak related damages. Vehicles that have already sustained damage can be helped by stopping the existing corrosion, and preventing future corrosion.

CSP-100 is recommended for application on a clean, chemically undamaged or corroded surface. **CSP-100** is an inorganic hybrid polysiloxane, and unlike conventional organic paints it is extremely chemical, UV and weather resistant giving the coating a 10 to 20 year durability. It has outstanding adhesion and has extremely high abrasion and wear resistance. **CSP-100** has a textured surface, similar to 50 grit sandpaper. This help stabilize the cargo in the pickup bed and prevents slip and fall accidents and injuries.

A gallon of **CSP-100** covers 400 square feet of area with the recommended 4 mil dry film thickness. **CSP-100** is packaged in pint (16 oz), quart (32 oz), and gallon packings. It is also offered in a select group of industrial colors. A single coat application on a new truck bed, and areas exposed to chemicals will provide long lasting protection. **CSP-100** is a 100% solids, zero VOC polymer with no fumes and very mild odor. It is a two part coating and is mixed in a ratio of 3 parts Part-A to 1 part Part-B.

CSP-200 is based on the same 2 part polymer composition as **KPS-200** but formulated specifically when a clear protective coating is desired, or to be coated over surfaces that are starting to show very initial signs of rust. **CSP-200** is formulated with a cutting edge nano material that imparts a strong corrosion prevention property to the coating. This feature rich additive increases the temperature tolerance of **KPS-200**. Recommended areas of application are tail gates, tonneau covers, truck bed sidewalls, etc.

CSP-200 is applied directly a clean, dry surface without the need for extensive preparation. Wiping the target surface with a non-residue cleaner such as isopropyl alcohol will ensure good ahdesion. **CSP-200** can be custom ordered with an anti slip textured surface similar to **CSP-100**.

CSP-300 is a black rubberized coating can be applied over the pick-up deck to provide as a general protective and anti slip coating. While it has a certain amount of acid and chemical resistance it is not recommended for use in lieu of either **CSP-100** or **CSP-200** coatings. **CSP-300** can also be used on cradles, ramps and other areas where slip resistance is needed. Due to its inherent thermal insulation properties it will help keep the metal deck relatively cool.

CSP-300 is a 100% water based coating with no fumes or odors. It is a high solids, viscous coating and is best applied by brushing or rolling. Coverage rate is approximately 300 square feet per gallon. A minimum two coat application is recommended. The liquid coating has a blue-black coloration and dries to a solid black finish. A medium grey finish can be custom ordered.



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CSP-400 is a 'green' water based acidic formula with a mild odor. It is a rust conversion treatment that helps convert bonded rust to iron phosphate with a covalent, permanent bond. This conversion helps the rusted surface become electrically conductive and capable of interacting with the zinc rich compound, **CSP-500**. The galvanic corrosion protection of **CSP-500** passivates the steel and provides long term corrosion resistance.

Prior to using **CSP-400** rusted surfaces should be prepared by removing all loose and flaking rust. This can be accomplished with a wire brush or high pressure air or water. If water pressure is used, allow the water to dry before application. Apply **CSP-400** by brushing or spraying sufficient amount to saturate the rusted surface. Deep seated rust may require more than one application. While **CSP-400** will cut through light surface oils and grease, heavy contamination should be cleaned with the use of suitable cleaning agents.

CSP-500 is a low VOC zinc rich coating that simulates galvanic corrosion protection in a manner similar to that of hot dip galvanizing. Unlike hot dip galvanizing, **CSP-500** is supplied in a paint like format and applied directly over the **CSP-400** stabilized, electrically conductive iron phosphate. **CSP-500** is a medium grey paint like viscous liquid, and when applied by itself a minimum of two coat application is recommended. If a specific surface color is desired then a single coat of **CSP-500** should be followed with a coat of **CSP-100**.

Each gallon of **CSP-500** will provide 2 mils (50 μm = 0.05mm) of dry film thickness over approximately 500 square feet. **CSP-500** is extremely easy to apply using a brush, roller or airless sprayer and will air dry to form a tough tenacious film. The coating will become dry to the touch in 30 to 45 minutes at ambient temperature of 77°F. It will continue to cure over the next 72 hours and develop its optimal protective properties.

All **CSP** series coatings are available in pint, quart and gallon packings. Larger 5 gallon packings are also available. Liqui-guard Technologies, Inc. is now entertaining interests in becoming geographic distributor, reseller and installer for **CHEMSYSPRO DIY** system. There is nothing like this currently available on the market. Given the vast numbers of chemical service vehicles operating throughout the nation, and the damage they are sustaining, kempros represents an extremely profitable and ongoing opportunity.

Current methods for protecting truck beds are limited in their scope and do not offer anywhere near the chemical and wear resistance provided by **CHEMSYSPRO**. Polyurea coatings have to be installed by authorized and trained shops. Other options include plastic or cumbersome fiberglass bed liners. Cost for these systems are many times greater than the modest cost of **CHEMSYSPRO**. The user can purchase the precise amount needed for the vehicle being treated. The **DO IT YOURSELF (DIY)**, simple safe process can be done at the user's convenience. Overnight curing is all that is required to put the vehicle back in service.