

LIQUIGUARD PC

REVOLUTIONARY PRE-TREATMENT FOR POWDER COATING



General Product Information:

Liquiguard[®] PC is an unprecedented water based, non-hazardous, non-toxic pre-treatment developed as a replacement for the more commonly used phosphate treatments. **Liquiguard PC** has excellent anti-rust and strong bonding properties which provide an excellent mechanical bond over the metal substrates. Unlike phosphates, chromates, and other strong chemicals that tend to etch and pit the surface of the metal substrates, **Liquiguard PC** coating results in a very smooth "after pre-treatment" surface which results in a superior and attractive final finish. Powder coated surfaces using Liquiguard have passed the following tests: Cross Hatch, Impact Bend, Pencil Hardness, MEK exposure and Salt Fog.

Some of the time and cost saving reasons to use **Liquiguard PC** include:

- Pre-treating with **Liquiguard PC** requires just two steps: cleaning and coating the part.
- Reduction in time used for pre-treatment results in better work flow and efficiency and savings.
- Large parts can be sprayed or brushed with **Liquiguard PC**.
- If rust spots are missed in the cleaning process, **Liquiguard PC** will isolate and inhibit rusting.
- Its non-toxic nature precludes the need for extra-ordinary measures in its use or disposal.
- **Liquiguard PC** has shown excellent tolerance in salt spray tests.

With current concerns over the environment, **Liquiguard PC** is not only revolutionary but extremely timely. Besides its great efficacy for the powder coating industry, it also helps eliminate toxic and polluting chemicals in the environment and enhances the health and safety of workers. Powder coating shops can now broaden their customer base with **Liquiguard PC** by being able to use it on most metal substrates including steel, steel alloys, galvanized steel, aluminum, manganese, brass, etc. **Liquiguard PC** also provides excellent out-gassing prevention. As a primer it delivers excellent results on hot-dip galvanized objects and hard to prime metal or composite materials.

Liquiguard PC is manufactured in the USA and sold in one gallon, five gallon and fifty-five gallon packing. **Liquiguard PC** can be applied via dipping or spraying. A single base coat should be allowed to dry for 15 minutes. For faster drying time oven dry for 5 minutes. **Liquiguard PC** can be applied to the surface after degreasing using conventional methods DGL or Caustic soda. This reduces the entire process of seven tanks to two tanks. It also reduces process space and valuable time. Only products with rust have to be treated with HCL after degreasing. Depending upon application method, each gallon provides approximately 750 square feet of base coat. For an eco-friendly, non-toxic, non-hazardous, nano-technology-based, cutting edge cleaner and degreaser, request a free sample of our Nano-Degreaser. Contact information can be found below.

