Stripol PVD AF

Stripol PVD AF is a stripper designed to strip selected Physical Vapor Deposition (PVD) coatings. Stripol PVD AF can be used to strip ZrN coatings off substrates such as stainless steel, ABS plastic and aluminum, and is even safe for chrome and nickel-plated underlying substrates.

Stripol PVD AF can be used to strip various thicknesses of PVD and produces no fumes while stripping. The oxidants used are environmentally friendly.

Features & Benefits

Used as received	No mixing or dilutions necessary for use
Operates at ambient temperature	No heating required

Operating Conditions

Stripol PVD AF is designed to be used as received. Therefore, no mixing is necessary no is there any analysis to be done.

Temperature	Ambient temperature (70°F to 75°F)
Time	The amount of dwell time is directly dependent on the thickness of the PVD coating. Strip times would normally begin at about 1 minute. As more work is processed, the rate will slow down. When the strip time gets to 12 – 15 minutes, the solution should be discarded.
Agitation	Agitation is not necessary but is recommended
Tank	PVC, Polypropylene, Polyethylene

Fixtures, baskets, racks	Polypropylene, PVC, nylon, or Teflon

DO NOT USE FIBERGLASS OR GLASS

Process cycle

All work should be cleaned in an aqueous cleaner to remove any oil, grease or fingerprints. Parts need to be adequately spaced to allow chemistry to work on all sides of the part submersed in the bath. Parts may be removed when PVC coating is visibly removed and then rinsed in cold water. Parts may be forced/hot air dried to prevent water spotting or may go directly to subsequent wet operations after a cold-water rinse.

Waste Disposal

Waste treatment of spent Stripol PVD AF should address several issues. First, any residual Hydrogen Peroxide must be broken down. Next, any dissolved zirconium should be precipitated. Free acid should be neutralized and any fluoride bearing salts eliminated. Fortunately, this product was designed to accomplish this by simple alkaline neutralization.

The spent Stripol PVD AF should be pumped to the treatment tank. This material is acidic, so care should be taken with tank construction. The solution should be diluted with water on a 2 part or more to 1 part of Stripol PVD AF ratio. Slowly add sodium hydroxide, soda ash, lime, magnesium hydroxide, etc. If the bath is still active some gassing may be noticed. As the pH increased, some mild heat may be generated. When the pH reaches about 6.0 or higher, the faint odor of ammonia may be noticed. Continue until the pH is within discharge limits. Allow all gassing to subside. Allow any settling, decant the liquid to the sewer.

WARRANTY: THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

Our people. Your problem solvers.

For more information on this process please call us at
1-800-648-3412
or techservice@hubbardhall.com