

AMI

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Additives, Coatings & Colors

PRODUCT DATA SHEET

Guardcote PVC

Typical Uses

Specifically designed for Plating Shops, **Guardcote PVC** protective coating can be used on hooks, racks, concrete floors, tanks, vent hoods, ceilings or anywhere chemical attack might occur. Protects marine hulls above and below waterline, marine structures and offshore platforms, paper mills, chemical process plants, tank exteriors, structural steel and Dimecote surfaces against splash, spillage and fumes of acids, alkalis, salts, water, other corrosive chemicals as well as weathering and abrasion. Basically, **Guardcote PVC** can be used wherever corrosion, chemical resistance and good appearance are desired. Other applications include dams, ships, storage tanks, bridges, water tanks (inside and outside), underwater structures, concrete floors and repair of PVC liners.

Outstanding Characteristics

Guardcote PVC is an antistatic, high-build vinyl terpolymer which is outstanding as an all-purpose maintenance coating. Highly resistant to weather and chemical environments and may be applied at 5 mils in one coat. It meets the requirement of the U. S. Department of Agriculture for use on structural steel in meat packing plants. **Guardcote PVC** is particularly desirable where maintenance is costly or difficult, such as high towers and offshore oil platforms. **Guardcote PVC** provides high performance with ease of repair and maintains an excellent appearance for many years. No other coating system provides this combination of properties in a single component paint.

Resistance

Has excellent resistance to splash/spillage, immersion and fumes of acids and bases, alcohols, petroleum products, salts, fresh and saltwater. Note: **Guardcote PVC** should not be exposed to ketones, esters or hydrocarbons of high aromatic content. Can withstand immersion in fresh or salt water and other chemicals such as acids and bases.

Application Data summary

For complete information on environmental conditions, surface preparation, equipment, application and safety precautions, see this product's application instructions. This product must be applied as recommended to obtain maximum performance.

Surface Preparation - Prepare in accordance with **Guardcote PVC** instructions. Surface should be clean and dry.

Equipment - Airless or conventional spray, roller or brush. Safety - Improper use and handling of this product can be hazardous to health and cause fire or explosion. Safety precautions included with the application instructions must be strictly followed during storage, handling, application, and drying.

Physical Data*

Finish.....65%
Gloss Color.....Black, Gray, White, Custom
Components.....Single
Cure.....Solvent
Release Coats.....Application Dependent
Dry Film Thickness.....3 mils
Volume Solids (ASTM 2697).....40% White
Theoretical Coverage @ 3mil.....150sq.ft./gal
Application....Airless or conventional, brush, roller
(Allow for application losses and surface irregularities)

Adhesion*

Air Temperature.....40 to 95F (4.5 to 35C)
Touch.....1
5 min. Surface Temperature.....40 to 95F (4.5 to 35C)
Recoat.....2 hrs.
Resistance.....212 F
Through.....3 hrs.
Thinner.....Guardcote Thinner
Elongation.....200-300%
Salt Fog Resistance.....Excellent
Shelf Life.....2 years from
shipment date when stored indoors @ 40 to 100 F 4(to
38 C)

Guardcote PVC has excellent adhesion to Paper, Aluminum foil, Polysulfone, Acrylic, PVC, ABS Plastic, Polycarbonate, Noryl, Most metals and concrete. For coating Polypropylene, ask about our **Guardcote PolyPro Primer**.