

PI 4500UV-uv curable

UV curable, Water Resistant ,Heat Resistant, Alkali resistant, Strippable Coatings and Peelable coatings For Silk Screen printing applications

PI 4500UV is a strippable coating engineered for use on a wide variety of surfaces for Silk-screen printing. This strippable coating is specifically designed for silk-screen printing applications. Dry film thickness can range from one to three mils. All peelable coatings are clear when dry and available in blue tint or clear version. Cured strippable coatings of **PI 4500UV** are water resistant. **PI 4500UV** resists forming operations that reach temperatures in excess of 95°C. **PI 4500UV** Peelable coating resists alkaline cleaners, hot water rinse and dry off. The application of **PI 4500UV** coatings will protect metals, glass, baked enamels and many plastic substrates from damage during manufacturing, storage and shipping. **PI 4500UV** represents the ultimate in non-solvent, water borne, Peelable coating. **PI 4500UV** does not contain any VOCs.



UV curable **PI 4500UV**
Strippable Coating For Screen Printing

Application:

PI 4500UV is normally used as received. **PI 4500UV** is also water reducible if lower viscosities are needed for improved application properties. **PI 4500UV** is formulated for silk-screen printing applications such as in appliance manufacturing. The applied coating cures by water evaporation. **PI 4500UV** will air dry in about an hour. Force dry coatings, assisted with some heat, can dry in as little as five minutes. The coating is resistant to water and some solvents used in paint. Application temperatures range from 15° C to 71° C.

Removal: can be removed by peeling.

Flammability: Water Resistant **PI 4500UV** presents no fire hazard as received, during, or after application.

Disposal: **PI 4500UV** is formulated to exclude ingredients that are deleterious to the painting process, such as silicones, or to the water wash system, such as foam generating or foam stabilizing ingredients.

Operating guidelines:

- When applying, use the same protection as used while applying paint. The booth ventilation stem should be operating while the material is being sprayed.
- Chemical goggles and impervious gloves should be worn when handling **PI 4500UV**.
- Use of non-sparking metal equipment is advised when scraping to remove booth coatings, to avoid fire hazards from the accumulated paint.

FIRST TIME APPLICATION:

I. Cleaning of equipment:

To clean the pressure pot, airless equipment, spray guns, or spray lines:

- Flush equipment and lines with the current paint thinner (ex. toluene, xylene, or mek),
- Follow with a water reducible solvent, such as butyl cellosolve. This will help to remove any solvent residue.
- Thoroughly rinse with water. Making sure that all solvent and paint residues are removed.

II.Cleaning:

To clean all surfaces where **PI 4500UV** is to be applied:

- Clean surface with butyl-cellosolve type cleaner.
- Remove all previous Peelable coatings, oils, dirt, and solvent residue from the surface.
NOTE: You do not have to do this cleaning step to have **PI 4500UV** peel or rinse off the surfaces. This procedure can be eliminated after the second and all subsequent applications.
- **PI 4500UV** can now be applied.

Some Equipment Notes:

Airless System: Recommended tip size is .070, similar to a glue tip. **PI 4500UV** can also be applied by roller coating or by brushing.