

# From the Inventors of Glass Coating Technology.

## The Original **Invisible Shield**<sup>®</sup> Glass & Surface Treatment

**The Invisible Shield represents a major break through in surface coating technology!**

- High performance micron-thin transparent polymer coating.
- Bonds to glass and porcelain & ceramics to provide remarkable water, soil & stain repellency.
- Keeps soil, hard-water, minerals, soap scum & pollutants from sticking.
- Simple wipe or spray and polish application.
- Protects glass for easier cleaning, prevents pitting and minor scratching...preserves clarity.



Unelko Corporation, a leading manufacturer of water repellents, surface treatments and protective coatings, has responded to the reality of today's cleaning challenges with an exclusive line of CLEAN-X<sup>®</sup> Advanced Surface Care products.

# INVISIBLE SHIELD® - Tech Tips

INVISIBLE SHIELD represents a major breakthrough in glass coating technology, and is unlike any other surface treatment product you have ever used. It actually saves hours and hours of cleaning drudgery, and provides a “preventive cleaning & maintenance shield” to keep glass surfaces like new! Therefore, for optimum performance, we suggest that you review these TECH TIPS and follow the application instructions carefully... The results will amaze you!

## WHAT IS INVISIBLE SHIELD?

It is an ultra-thin, polymer coating that is specifically formulated to be applied like a polish to make all glass (porcelain & ceramics) water, soil and stain repellent.

## WHAT DOES INVISIBLE SHIELD DO?

It seals, polishes and protects glass with an invisible “non-stick” barrier coating that reduces the adhesion and buildup of hard water minerals, salt spray, soap scum, rust, dirt and grime. It allows glass to be washed, rinsed or wiped off easily without the use of harsh soaps, solvents or abrasives.

## HOW DOES INVISIBLE SHIELD WORK?

The unique INVISIBLE SHIELD polymers chemically bond with glass to form a coating that is water and soil repellent, durable and optically clear.

## HOW LONG WITH INVISIBLE SHIELD LAST?

Like with all coatings, durability depends upon the quality of the application, the degree of exposure and the amount of abrasion to which the surface is subjected. Unlike other coatings however, INVISIBLE SHIELD is designed to be renewable and rejuvenate its sealing, polishing and protecting properties to keep glass like new. In general, INVISIBLE SHIELD will last for months on sinks, tubs, showers, tile and glass table tops... and years on windows, mirrors and lighting fixtures.

## WILL INVISIBLE SHIELD “BUILDUP”, CRACK, PEEL OR DISCOLOR?

Absolutely not! Its novel structure permits it to bond to a surface, but not to itself. Thus, it can never be over-applied, and each reapplication merely fills in the voids created by surface abrasion to maintain peak water, soil, and stain repelling performance.

## WHAT ABOUT OLD OR BADLY WORN SURFACES?

It all depends upon how badly worn or scoured the surface is. INVISIBLE SHIELD cannot repair cracks, chips or scratches. Generally, on older, badly worn or damaged surfaces, INVISIBLE SHIELD will prevent further deterioration. Remember, INVISIBLE SHIELD was developed to keep surfaces like new; to save hours and hours of cleaning drudgery; to prevent deterioration and reduce the need for repairs, maintenance and replacements.

## WHAT HAPPENS WHEN INVISIBLE SHIELD WEARS OFF?

Nothing; it just dissipates - it gradually disappears and the surface returns to the way it was before being protected.

## IS IT DIFFICULT TO PREPARE THE SURFACE?

No...Normally, it's enough to simply wash, rinse and dry the surface before applying INVISIBLE SHIELD for the first time. While many surfaces can be treated in this way without any special preparation; visibly soiled, encrusted or stained surfaces must be thoroughly cleaned before apply-

ing INVISIBLE SHIELD. Re-application is even easier, just make sure the surface is dry, INVISIBLE SHIELD, with its built-in polishing and penetrating properties, will do the rest.

## WHAT'S THE BEST WAY TO APPLY INVISIBLE SHIELD?

Just apply a small amount of INVISIBLE SHIELD to a soft, padded cloth and carefully wipe it into the surface using a firm, circular and overlapping motion. (Badly worn, or surfaces being treated for the first time, should be re-treated to ensure complete and uniform coverage.) Then, simply wipe or polish the surface with a clean, soft cloth to remove any excess while “polishing in” luster and protection. Glass surfaces can be sprinkled with water and wiped with a dry cloth or tissue until clear and sparkling. That's all there's to it; it will work every time. Treated surfaces look cleaner, feel cleaner and smell cleaner!

## HOW DO I KNOW WHEN IT'S TIME TO REAPPLY INVISIBLE SHIELD?

That's easy... when water stops “beading”, when soil starts “sticking” and when stains start to “show”, it's time to reapply because, surfaces appear dull and seem to have lost their luster. Simply give glass surfaces a “once-over” with INVISIBLE SHIELD to maintain peak performance.

## BY THE WAY, WHAT'S THE BEST WAY TO TAKE CARE OF A SURFACE THAT'S PROTECTED BY INVISIBLE SHIELD?

Usually rinsing with plain water will do the trick; at most a light soap-water or mild detergent solution will loosen stubborn dirt or “layered” soil. You'll be amazed at how INVISIBLE SHIELD actually ends scraping & scrubbing; makes cleaning a snap!

## OK, NOW WHERE DO I USE INVISIBLE SHIELD?

On everything that's glass (including porcelain or ceramics that are glass coated)...it is also great on porcelain and ceramics that are, in fact, glass coated.

## TYPICAL PROPERTIES

THE INVISIBLE SHIELD offers new dimensions in product uniformity, storage stability and handling characteristics:

Form	Liquid
Appearance	Clear
Active Ingredients	Min. 7.5% activated “isomeric” polymers
Weight per gallon	6.75 lbs. (@ 78 deg. F)
Flash Point	61 deg. F
Catalyst System	Ethyl/Isopropyl Hydrogen Sulfate
Solvent	Specially denatured ethanol/isopropanol
Specific Gravity	0.810 (@ 60 deg. F)
Dry Time	30 to 60 seconds for solvent evaporation
Cure Time	90 to 120 seconds
Shelf life	Indefinite (in closed containers)