

## 1. Test method

- Apply 3 drops of each chemical reagent on the surface of staron® Solid Surfaces
- Expose the sample for 16 hours; covered with glass plate and uncovered
- Check the surface and scrub the surface with a wet Scotch-Brite® Pad and bleaching cleanser such as Ajax®

## 2. Test result

The residue from the following chemical reagents can be removed with a wet Scotch-Brite® pad and bleaching cleanser.

- |   |                                 |
|---|---------------------------------|
| - Acetic acid (10%)                       | - Acetone                       |
| - Ammonia                                 | - Ammonium hydroxide (5,28%)    |
| - Amyl acetate                            | - Amyl alcohol                  |
| - Ball point pen                          | - Benzene                       |
| - Bleach (household type)                 | - Blood                         |
| - B-4 body conditioner                    | - Butyl alcohol                 |
| - Carbon disulfide                        | - Carbon tetrachloride          |
| - Citric acid (10%)                       | - Calcium thiocyanate (78%)     |
| - Cigarette (nicotine and tar)            | - Coffee                        |
| - Cooking oils                            | - Cottonseed oil                |
| - Cupra ammonia                           | - Dishwashing liquid/powders    |
| - Ethanol                                 | - Ethyl acetate                 |
| - Ethyl ether                             | - Formaldehde                   |
| - Gasoline                                | - Gentian violet                |
| - Grape juice                             | - Hair dyes                     |
| - Household soaps                         | - Hydrochloric acid (20,30,37%) |
| - Hydrogen peroxide                       | - Iodine (1%)                   |
| - Ketchup                                 | - Lemon juice                   |
| - Lipstick                                | - Mercurochrome (2%)            |
| - Methanol                                | - Methyl ethyl ketone           |
| - Methyl orange (1%)                      | - Methyl red (1%)               |
| - Mineral oil                             | - Mustard                       |
| - Nail polish                             | - Naphthalene                   |
| - N-hexane                                | - Olive oil                     |
| - Pencil lead                             | - Perchloric acid               |
| - Permanent marker pen                    | - Shoe polish                   |
| - Soapless detergents                     | - Sodium bisulfate              |
| - Sodium hydroxide solution (5,10,25,40%) | - Soy sauce                     |
| - Sodium sulfate                          | - Sulfuric acid (25,33,60%)     |
| - Sugar (sucrose)                         | - Tea                           |
| - Sulfuric acid (25,33,60%)               | - Toluene                       |
| - Tetrahydrofuran                         | - Urea (6%)                     |
| - Tomato juice                            | - Vinegar                       |
| - Uric acid                               | - Wine                          |
| - Washable inks                           | - Zinc Chloride                 |
| - Xylene                                  |                                 |

## Chemical resistance (continued)

The following chemical reagents may affect the surface with more serious damage, requiring sanding for complete removal. Frequent and/or prolonged exposure to these reagents should be avoided.

- Acetic acid (90,98%)
- Acid drain cleansers
- Chlorobenzene
- Chloroform (100%)
- Chromic trioxide acid
- Cresol
- Dioxane
- Ethyl acetate
- Equalizing mix (50/50)
- Film developer
- Formic acid (50,90%)
- Furfural
- Glacial acetic acid
- Hydrofluoric acid (48%)
- Luralite mix (50/50)
- Methylene chloride based products such as paint removers, brush cleansers and some metal cleansers
- Nitric acid (25,30,70%)
- Phenol (40,85%)
- Phosphoric acid (75,90%)
- Sulfuric acid (77,96%)
- Trichloroacetic acid (10,50%)
- 3M Avagard™ D

