

CHEMICAL RESISTANCE

1. Test method

Apply 3 drops of each chemical reagent on the surfaces 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	Formaldehyde
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	

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



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