

Chemical Resistance Data For StaticSmart ESD Vinyl tile

Chemical Name	1 Minute	1 Hour	24 Hours	Chemical Name	1 Minute	1 Hour	24 Hours
Acetic acid (5%), white vinegar	0	0	0	Ethyl ether	0	0	MD1
Ammonium hydroxide, NH ₄ OH (5%)	0	0	0	Benzene	0	0	MD1
Betadine ¹	0	0	0	Butyl alcohol	0	0	MD1
Blood	0	0	0	Carbon tetrachloride	0	0	MD1
Ethyl alcohol	0	0	0	Chloroform	0	0	MD1
Formaldehyde (40%)	0	0	0	Nitric acid (5%)	0	0	MD1
Freon ^R	0	0	0	Xylene	0	0	MD1
Hydrochloric acid (concentrated)	0	0	0	Ethyl acetate	0	0	MD2
Hydroflouric acid (5%)	0	0	0	Amyl acetate	0	0	MD2
Hydroflouric acid (concentrated)	0	0	0	Kerosene	0	0	MD1
Isopropyl alcohol (70%)	0	0	0	Acetic acid (concentrated)	0	0	MD1
Methyl alcohol	0	0	0	Acetone	0	MD1	MD2
Mineral oil, white medicinal grade	0	0	0	Creosote	0	CC2	CC2
Olive oil	0	0	0	Cresol	0	MD1	MD2
Phenol disinfectant (5%)	0	0	0	Dichloroethylene	0	MD2	MD2
Sodium hydroxide, NaOH (5%)	0	0	0	Fuchsine	0	CC2	CC3
Sodium hypochlorite, bleach (5.25%)	0	0	0	Iodine	0	CC1	CC2
Sodium metasilicate	0	0	0	Isopropyl alcohol	0	CC1	CC2
Sulfuric acid, H ₂ SO ₄ (5%)	0	0	0	Silver nitrate (5%) ²	0	CC1	CC2
Tribasic sodium phosphate	0	0	0	Thimerosal	0	CC1	CC2
Urine	0	0	0	Forane ^R - 113E	CC1	CC1	MD1
Lighter fluid	0	0	CC1	Forane ^R - MES	CC1	CC1	MD1
Sulfuric acid (concentrated)	0	0	CC2	Mineral spirits	CC1	CC2	MD1
Sulfuric acid (77%)	0	0	CC2	Forane ^R - 113C	CC2	CC2	MD1
Silver nitrate (40%) ²	0	0	CC2	Perchloroethylene	CC2	MD1	MD2
Nitric acid (concentrated)	0	0	CC2	Toluene	CC2	MD1	MD2
Hydrochloric acid, HCl (5%)	0	0	MD1	Gasoline, unleaded	CC1	CC1	MD1
				Methyl ethyl ketone (MEK)	MD1	MD1	MD2
				Trichloroethylene	MD1	MD1	MD1
				Dimethyl sulfoxide	MD2	MD2	MD2
				Methylene chloride	MD2	MD1	MD2
				Trichloroethane	Md2	MD1	MD2

**Tested in accordance with ASTM F 925; chemicals exposed to tile surface for one hour and twenty-four hours.

Classification	Change ratings (Subjective)
CC: Color Change; discoloration or bleaching or loss of gloss.	0 = No change
MD: Material Damage ; blistering, warping, softening, swelling, peeling, or melting.	1 = Slight change
	2 = Severe change

Notes : DECONTAMINATION may be performed by using StatCare Clean.

Otherwise, burnishing treatment can be adapted for DECONTAMINATION.