

**ASTM F925 Resistance to Chemicals -
Standard Test Method**

Acids	Surface Dulling		Surface Attack		Color Change	
	<u>1 Hour</u>	<u>24 Hours</u>	<u>1 Hour</u>	<u>24 Hours</u>	<u>1 Hour</u>	<u>24 Hours</u>
Acetic Acid- 28%	0	0	0	0	0	0
Glacial Acetic Acid	0	0	0	0	0	0
Citric Acid - 10%	0	0	0	0	0	0
Hydrochloric Acid- 10%	0	0	0	0	0	0
Sulfuric Acid- 10%	0	0	0	0	0	0
<u>Bases / Alkalis</u>						
Ammonia 5%	0	0	0	0	0	0
Ammonium Hydroxide - 10%	0	0	0	0	0	0
Ammonium Hydroxide - 30%	0	0	0	0	0	0
Sodium Carbonate - 10%	0	0	0	0	0	0
Sodium Hydroxide- 10%	0	0	0	0	0	0
<u>Alcohols</u>						
Ethyl (Denatured) Alcohol - 30%	0	0	0	0	0	0
Ethyl (Denatured) Alcohol - 70%	0	0	0	0	0	0
Ethyl (Denatured) Alcohol - 90%	0	0	0	0	0	0
Hand Sanitizer (Alcohol Based)	0	0	0	0	0	0
Isoopropanol	0	0	0	0	0	0
Rubbing Alcohol (70% Isopropyl)	0	0	0	0	0	0
<u>Aromatics</u>						
Crude Oil	0	0	0	0	0	0
Fuel Oil #1	0	0	0	0	0	0
Kerosene	0	0	0	0	0	0
Methanol	0	0	0	0	0	0
Mineral Spirits (White Spirit)	0	0	0	0	0	0
Turpentine	0	0	0	0	0	0
Unleaded Gasoline (Regular Grade)	0	0	0	0	0	0
Phenol	0	0	0	0	0	0
Xylene	0	0	0	0	0	0
<u>Hospital Chemicals</u>						
Aniline Blue - 2.5	0	0	0	0	0	0
Betadine Skin Cleanser	0	0	0	0	0	0
Betadine Solution - 10%	0	0	0	0	0	0
Bouin's Solution	0	0	0	0	1	1
Buffered Zinc Formalin	0	0	0	0	0	0

Cidex	0	0	0	0	0	0
Cidex OPA	0	0	0	0	0	0
Crystal Violet	0	0	0	0	0	0
Eosin	0	0	0	0	2	2
ETOH 100%	0	0	0	0	0	0
Formalin, Buffered 10%	0	0	0	0	0	0
Gram's Safranin	0	0	0	0	0	0
Hematoxylin	0	0	0	0	0	0
Iodine Tincture	0	0	0	0	0	0
Iodine Gram Stain	0	0	0	0	0	0
Kinyoun's Carbolfuchain	0	0	0	0	2	2
Methylene Blue	0	0	0	0	0	0
Metricide	0	0	0	0	0	0
Mineral Oil (Medicinal Grade)	0	0	0	0	0	0
Potassium Permanganate- 1.5%	0	0	0	0	0	0
Silver Nitrate - 5%	0	0	0	0	0	0
Tincture of Benzoin	0	0	0	0	0	0
Urea Solution	0	0	0	0	0	0
Wright's Blood Stain	0	0	0	0	0	0

Disinfectants / Cleaners

Bleach 5%	0	0	0	0	0	0
Formaldehyde- 37%	0	0	0	0	0	0
Quaternary Ammonium Disinfectant Cleaner	0	0	0	0	0	0
Phenolic Disinfectant Cleaner	0	0	0	0	0	0
Diversey Stride Neutral Cleaner	0	0	0	0	0	0

Ratings Key

0- No Change

1- Slight Change

2- Moderate Change

3- Severe Change