

TD.401 – CHEMICAL RESISTANCE: AUS-V™ Aliphatic Urethane Coating

Revised: 3/16/2023 Version: 1.3

AUS-V™ Chemical Resistance		
Days After Application	7 days	
Chemical Contact Time	4 hours	24 hours
Acetone	No Effect	Not Applicable
1%-10% Sodium Hydroxide	No Effect	No Effect
1%-10% Sulfuric Acid	No Effect	No Effect
1%-10% Acetic Acid	No Effect	No Effect
1%-10% Hydrochloric Acid	No Effect	No Effect
14% Ammonium Hydroxide	Slight Softening	Slight Softening
Methyl Ethyl Ketone	Swelling	Not Applicable
Betadine	No Effect	No Effect
Skydrol	No Effect	Slight Gloss Loss
T-Butyl Acetate	No Effect	Not Applicable
PCBTF	No Effect	Not Applicable
Xylene	Swelling	Not Applicable
Toluene	Swelling	Not Applicable
Water (fresh and salt)	No Effect	No Effect
50% Bleach	No Effect	No Effect
Gasoline	No Effect	No Effect
Isopropyl Alcohol	Slight Softening	Not Applicable
Motor Oil	No Effect	No Effect
Transmission Fluid	No Effect	No Effect
Anti-freeze	No Effect	No Effect
All Purpose Cleaner	No Effect	No Effect
5% Vinegar	No Effect	No Effect
Methanol	No Effect	Not Applicable
Ethanol	No Effect	Not Applicable
DMC	Swelling, Softening	Not Applicable
MIBK	No Effect	Not Applicable
Coffee	No Effect	No Effect
Ketchup	No Effect	No Effect
Mustard	Slight Staining	Slight Staining
Hair Dye*	Staining	Staining
*= Results may vary. Test before application.		

At the end of the exposure time (4 hours & 24 hours), any remaining material left on the test sample was wiped off with a damp cloth. Solvents on the test sample had evaporated well before the 24 hour exposure time; therefore, only 4 hour exposure results were recorded and 24 hour results were not applicable.