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In The Fold

SURFACE CLEANABILITY TESTING

24 HOUR CLEANABILITY TEST

Step 1	Surface is prepared by cleaning with a clean damp cloth (distilled water)
Step 2	After surface is dry, a sheen reading is taken with the sheen meter and recorded
Step 3	A 1" square 100% cotton cloth is saturated with the reagent.
Step 4	A 2" diameter watch glass is then placed over the saturated cloth
Step 5	Reagent is left on the surface for 24 hours
Step 6	After 24 hours, the watch glass and cloth are removed
Step 7	The area is wiped with a clean cloth and distilled water
Step 8	The surface is allowed to air dry for 1 hour
Step 9	A sheen reading is taken and recorded
Step 10	Any color variation is recorded
Step 11	If the test failed, the previous steps were repeated, but only for a 12hr duration. If that failed, we tested 8hr, 4hr, and lastly 15min. in order to find the failure point.

Acceptable Criteria
No color variation is allowed. The surface cannot be tacky or soft compared to the unreacted surface. No cracking or crazing is allowed. For an initial gloss reading of greater than 20, a 25% gloss change is acceptable. For an initial gloss reading less than or equal to 20, a gloss change of up to 5 is acceptable

Reagent 1	Ammonia Full Strength
Reagent 2	Bleach Diluted 10-1
Reagent 3	Hydrogen Peroxide
Reagent 4	3M TB Quat
Reagent 5	Purell Hand Sanitizer
Reagent 6	Cavicide
Reagent 7	Iso Alcohol
Reagent 8	BAC 50 2.5%
Reagent 9	Sani-cloth HB
Reagent 10	TSP
Reagent 11	Wex-cide RTU
Reagent 12	Virox RTU
Reagent 13	Betadine
Reagent 14	Oxivir TB
Reagent 15	Betco pH7Q
Reagent 16	Virex TB
Reagent 17	Oxycide

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Especially in today's world, creating products and using materials that can be properly cleaned to protect the health and wellbeing of others is of paramount importance. This is why BIFMA created strict cleanability guidelines for the entire industry. Here at OFS and Carolina, however, we decided to take our own personal cleaning guidelines even further. We commit to crafting products that can withstand stronger cleaning agents for a deeper clean and for better-protected environments for the people you love.

	Ammonia full strength	Bleach 10-1	Hydrogen perodxide	3M TB quatstraight	Purell hand sanitizer	Cavicide	Iso alcohol	BAC-50	Sani-cloth HB	TSP	Wex-cide RTU	Virox RTU	Betadine	Oxivir TB	Betco pH7Q	Virex TB	Oxycide
Tallow	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	NP	24 hrs	24 hrs	24 hrs	24 hrs
Overcast	24 hrs	24 hrs	24 hrs	24 hrs	12 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	NP	24 hrs	24 hrs	24 hrs	24 hrs
Grounded	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	24 hrs	NP	24 hrs	24 hrs	24 hrs	24 hrs

*BIFMA's guidelines provide structure for furniture manufacturers and healthcare professionals to understand typical cleaners, disinfectants, cleaning methods, and expectations for recommended furniture performance/standards when exposed to these cleaners. To test performance, BIFMA requires a one-inch square of the solution to be applied to the surface for 15 consecutive minutes. After, it can be cleaned with distilled water and dry for 1 hour before it is tested for surface discoloration. If there is discoloration, it fails the test.