Method for Evaluation of Coating Resistance to Common Household and Commercial Liquid Cleaning Products

**TEST SCOPE**

To determine the resistance of UV cured powder coating on MDF to common household and commercial liquid cleaning products* through cleaning.

**TEST RESULTS**

The MDF substrate performed as follows:

- NO observable appearance change
- NO color transfer to cloth
- NO change in pencil hardness
- NO change in film build
- NO change in gloss loss

Detailed results are available upon request.

**TEST METHOD**

Procedure has been adapted and modified from reference NEMA LD 3-2000 method 3.4 Cleanability / Stain Resistance, 3.4.5

25 cycles will be considered 1 cleaning for the purpose of this test procedure.

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*Active Ingredients: 1: N/A 2: Sodium Hypochlorite 3: Isopropyl Alcohol 4: n-Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride - (Quaternary Ammonium) 5:Ethyl Alcohol 6: Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride & Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride - (Quaternary Ammonium)

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