



Cleaning of Acrylic Painted Surfaces

July 12 – 15, 2016

The John and Mable Ringling Museum of Art
Sarasota, Florida

SESSION TITLE: Modular Cleaning Program

INSTRUCTOR: Chris Stavroudis

ABSTRACT

The Modular Cleaning Program is a systematic approach to cleaning works of art utilizing water-borne systems, solvents, solvent gels and emulsions. Participants will be introduced to the MCP methodology as a means of rapidly formulating aqueous cleaning solutions, Pemulen-based gel systems and the aqueous phase of silicone-based microemulsions. The freely available database, The Modular Cleaning Program, assists the conservator in formulating and combining stock solutions which allows the conservator to create optimized cleaning solutions for more precise and tailored treatments.

OBJECTIVES

- To familiarize participants with the Modular Cleaning Program
- To describe how the MCP allows conservators to mix and evaluate cleaning solutions tailored for acrylic paint surfaces

CONTENT OUTLINE

The session will introduce participants to the FileMaker Pro database that is the Modular Cleaning Program. Installation, registration and first start of the program will be briefly discussed. The database will be demonstrated. The three component databases will be explored starting with the physical constants in the Components database. The methodology of working through a cleaning test with the aqueous Acrylic Solution Set will be demonstrated and discussed.

METHODOLOGY

PowerPoint presentation alternating with demonstrations using the MCP database.

BIBLIOGRAPHY

- ☞ Stavroudis, C., T. Doherty, and R. Wolbers. (2005). "A New Approach to Cleaning I: Using mixtures of concentrated stock solutions and a database to arrive at an optimal aqueous cleaning system". *Newsletter (Western Association for Art Conservation)* 27(2): 17-28. <http://cool.conservation-us.org/waac/wn/wn27/wn27-2/wn27-205.pdf>
- ☞ Stavroudis, C. and T. Doherty. (2007). "A Novel Approach to Cleaning II: Extending the modular cleaning program to solvent gels and free solvents, part 1". *Newsletter (Western Association for Art Conservation)* 29(3): 9-15. <http://cool.conservation-us.org/waac/wn/wn29/wn29-3/wn29-304.pdf>
- ☞ Stavroudis, C. (2009). "Sorting Out Surfactants". *Newsletter (Western Association for Art Conservation)* 31(1): 18-21. <http://cool.conservation-us.org/waac/wn/wn31/wn31-1/wn31-105.pdf>
- Stavroudis, C. (2006). "Azeotropes from A to Z". *Newsletter (Western Association for Art Conservation)* 28(3): 14-17.



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Session Outline cont'd.

 = Essential reading material

 = Available online



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