



# Fresenius Medical Care

## SERVICE BULLETIN

Equipment: 2008K Hemodialysis Machines  
Bulletin: 05-FRK-004 Rev A  
Subject: Module Paint Peeling

Originated By (Dept):	Reviewed By:	Approved By:	Effective Date:
J. Fox (TSD)	Brooks E. Rogers	ECO# 16530	7.26.2005

Distribution: Dir TS (B. Rogers), TS Mgr (K. Cogswell), Dir QS (M. Owen), QE (R. Fox), Dir Eng (D. Gavin), DTS (M. Crnkovich), Tng (B. Hassard)

### 1.0 PURPOSE

To inform all Field Service and Technical Support personnel of possible causes for paint peeling off 2008K modules.

### 2.0 SCOPE

Fresenius has been made aware of cases where the paint has begun to peel off the lower portion of some 2008K modules. A contributing factor to this symptom may be the use of excessive cleaning solution. The excessive cleaning solution is able to get under the powder coat paint if the surface is damaged. This damage includes chipping the lower edge of the module or over-tightening the mounting screws and scratching the paint underneath. The operator's manual for the 2008K states in the Disinfection and Maintenance section the following regarding the use of surface cleaning agents:

*The exterior of the dialysis machine should be cleaned after every treatment. It can be cleaned with very dilute bleach or other suitable hospital disinfectant. Freshly prepared dilute bleach solution (1:100) is currently recommended by the Center for Disease Control as a suitable disinfectant for the Hepatitis virus.*

*Use surface cleaning agents sparingly to avoid excess cleaner from entering the interior of the machine. Rinse off cleaning solution with a water-dampened cloth, especially if a corrosive, cleaning agent such as bleach is used*

Powder coat painted surfaces are very durable unless damaged. If the surface gets damaged and excessive cleaning agent is not cleaned off with water-dampened cloth, it can wick in behind the powder coated surface and break the powder coat bond to the metal surface.

The following are possible preventive measures to avoid damaging the paint and reduce module paint damage:

- Do not use excessive cleaning agent when cleaning the exterior of the machine.
- Do not spray the cleaning agent.
- Rinse off the cleaning agent with a water dampened cloth.
- Do not use power screwdrivers to secure the module mounting screws.
- During routine maintenance pull each module and wipe the bottom edge of the module and the cabinet where cleaning agent could pool over time.

If there are any questions regarding this bulletin, contact Fresenius Technical Support at 800-227-2572 x7003.