Material Compatibility

Protect your investment with the right surface disinfectant!

CaviCide™ & CaviWipes™

Surface Disinfectants

Cleaning and disinfection of all surfaces is a requirement in all dental facilities. Using the right surface disinfectant not only protects you and your patients from harmful pathogens, but also protects your equipment and devices from damage. KaVo Kerr's CaviWipes/CaviCide, a leading surface disinfectant trusted by healthcare professionals every day, has been tested on some of the most common surfaces found in dental offices and shown to cause no or minimal damages to any of these materials.

Hard Surfaces

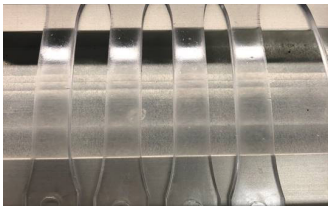
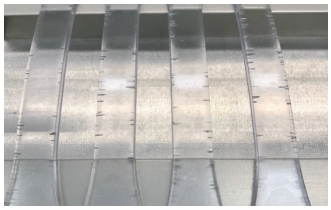
Test Methods:

1. Simulated Testing with parts made from acrylonitrile styrene acrylate (ASA) – common material in dental equipment

- 300 applications of CaviWipes
- 6 minutes between each applicant to allow for contact time and sufficient dry time
- Control was not wiped with CaviWipes

2. Dogbone Testing with Polycarbonate – common material in dental devices

- Stressed for accelerated simulation
- 60 applications of CaviWipes
- 6 minutes between each applicant to allow for contact time and sufficient dry time
- Control was not wiped with CaviWipes

	Control	CaviWipes™
PELTON & CRANE™ TREATMENT UNIT		 CaviWipes™ pH 11-12.5
POLYCARBONATE SAMPLE		 CaviWipes™ pH 11-12.5

Observations and Results:

Device Manufacturer's Material Compatibility Checklist*

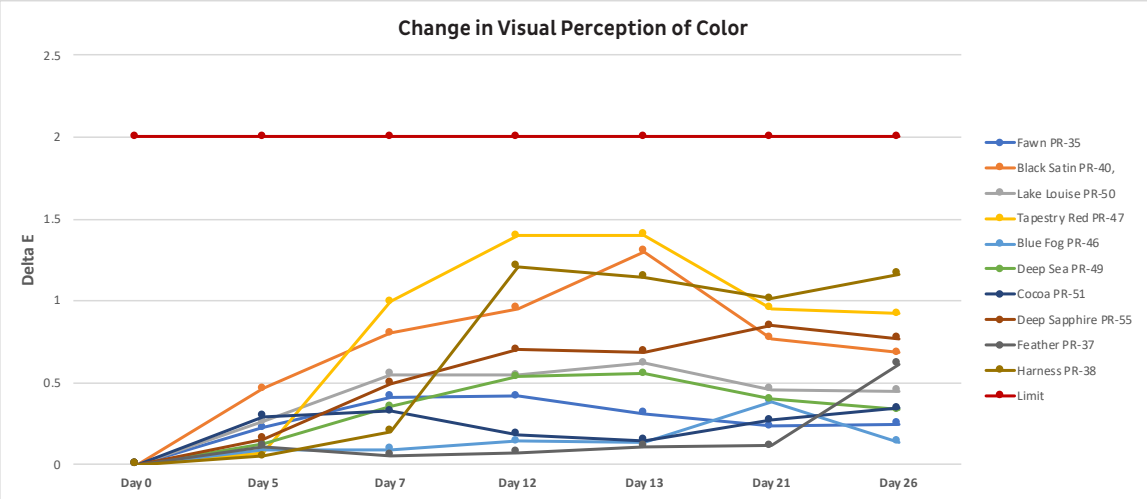
	Dentsply Sirona	KaVo Treatment Units	KaVo Imaging Equipment**	KaVo Instruments
CaviWipes™	✓	✓	✓	✓
CaviCide™	✓	✓	✓	✓

Conclusion: CaviWipes is shown to cause no or little damage to surfaces made of ASA and Polycarbonate materials, as commonly found in treatment units and handheld X-ray devices.

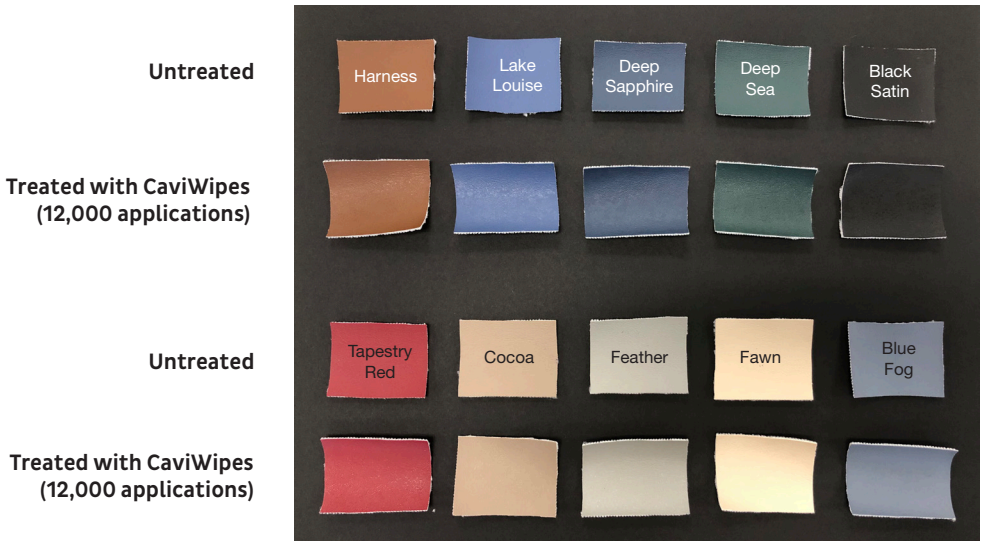
Semi-Hard Surfaces

Test Method: MTI-007 – Compatibility Test using Wipe Method

- 12,000 applications
- At least 2 hours of airdry before each delta E observation
- 6 observation time points of delta E over 26 days
- 10 Naugahyde Nauga Soft vinyls



Naugahyde Nauga Soft is non-porous Solid Vinyl on Napped Jersey Knit with abrasion and weathering resistance. It is one of the common materials used for dental chairs. Delta E is the measure of change in visual perception of two given colors, established by the International Commission of Illumination (CIE).



Results: CaviWipes did not exceed a delta E value of 2 for all tested samples.

Conclusion: Delta E was less than 2 for all samples tested, meaning the colors are perceptually equivalent. **The results show that CaviWipes does not cause any damage or color fading to these materials after 12,000 applications.**

* Based on Manufaturer's IFU

** Based on DEXIS™ Platinum™Sensor IFU, DEXIS™FS Ergo IFU