

**DÜRR SYSTEM-HYGIENE  
MD 555 Cleaner**

**Special cleaner for suction systems**

Concentrate for the simultaneous cleaning and care  
of all dental suction systems and amalgam separators

8 January 1997  
BR/TE

**DÜRR SYSTEM-HYGIENE  
MD 555 OROTOL®  
Special cleaner for suction systems**

**Investigations into the material compatibility  
here: Material compatibility of seals used in amalgam separators  
towards MD 555**

**Purpose:**

It was the purpose of the test to examine the material compatibility of a combination of seals consisting of a white seal and an O-ring towards MD 555.

**Test method:**

The white seals and the o-rings were immersed separately into MD 555 (50 %) for a period of time of 21 days at a storage temperature of 40 °C. After the storage, the test pieces were first rinsed with water (40 °C) and then with purified water. The test pieces were dried and weighed. The weights were compared with the initial weights (data: see enclosure).

**Results:**

The material compatibility is very good regarding all the tested combinations. There is a weight increase of approximately 0.5 % when using MD 555. Taking the storage temperature and the concentrations used into consideration, one can proceed from the fact that there will be a very good material compatibility in practice.

(P. Brauner)