

February 29, 2012

To Whom It May Concern:

At 3M we follow OSHA guidance (please reference OSHA 29 CFR 1910.1200 Hazard Communication Standard) for issuing MSDS. For that reason, we only have MSDS for chemicals, not articles. Under today's interpretation for OSHA, most of our brackets, tubes, wires, etc. are considered articles. However, because we are a medical device manufacturer, we follow other guidelines, for example ISO 10993 for medical devices and ISO 7405 for medical devices used in dentistry. Because our products comply with such guidelines, we provide in our instructions for use (IFU) specific warnings, such as "Warning: the product contains nickel and chromium. A small percentage of the population is known to be allergic to nickel and/or chromium. If an allergic reaction occurs, direct patient to consult physician" and further information on how to use our product as intended. Please refer to the complete IFU's and individual product labeling. In lieu of an MSDS, you will find the material composition below.

SmartClip™ Self Ligating Bracket are made from the following stainless steel alloy:

Alloy	C	Mn	Si	Cr	Ni	Fe	P	S	Cu	Nb+Ta
17-4PH	<0.07	<1	<1	17	4	~72.6	<0.04	<0.03	4	0.3

The clips of the SmartClip Brackets are made from a nickel titanium alloy with the following composition.

Alloy	Ni	Ti
Nickel-Titanium	56	44

C- Carbon	Mn – Manganese	Si – Silica
Cr – Chromium	Ni – Nickel	Fe – Iron
P – Phosphorus	S – Sulfur	Cu – Copper
Nb – Niobium	Ta – Tantalum	Ti – Titanium

If you have further questions please feel free to contact us at 800-265-1943.

Regards,  
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