

**Material Safety Data Sheet****Nickel Titanium File**

Data of issue  
Replaces version of  
Data of printing

AUG/27/2012  
FEB/10/2006  
Tuesday, 28 August 2012

**1 IDENTIFICATION      Nickel Titanium File**

Manufactured For: Brasseler USA  
Address: One Brasseler Blvd  
City, State, Zip: Savannah, GA 31419

**For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident), call CHEMTREC at:  
1-800-424-9300**

For all other inquiries about the product call:  
Telephone: 1-800-841-4522

**2 COMPOSITION INFORMATION**

Nickel-Titanium alloy cutting blade  
55% Nickel  
45% Titanium  
Nickel right-angle mounting hub  
Silicone stop ring

**3 PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: 5000 deg. F  
Density: 0.234 lbs/inch cu.  
Vapor Pressure (mm Hg): n/a  
Melting Point: 2390 deg. F,  
Vapor Density (Air = 1): n/a

Solubility in Water: Insoluble  
Reactivity in Water: none  
Appearance and Odor: metallic file shape

**4 FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used): n/a  
Flammable Limits: LEL: n/a UEL: n/a  
Extinguishing Media: n/a  
Special Fire Fighting Procedures: none  
Unusual Fire and Explosion Hazards: none

**5 REACTIVITY DATA**

Stability: stable  
Conditions to Avoid: generation of airborne dust  
Incompatibility (Material to Avoid): Acids, bases, and oxidizers  
Hazardous Decomposition Products: none  
Hazardous Polymerization: none

**6 HEALTH HAZARD DATA**

Nickel-titanium files are subject to wear during normal use.  
Care should be taken to insure that worn out instruments are not used.  
Defective instruments (bent, chipped, etc) should not be used.  
Improper technique may result in file breakage.

## **7 EMERGENCY FIRST AID PROCEDURES**

None:

## **8 PRECAUTIONS FOR SAFE HANDLING & USE**

Store in a dry area.

## **9 CONTROL MEASURES**

Protective Clothing or Equipment: Follow standard practices for use of rotary cutting instruments and patient care.

Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

## **10 TRANSPORTATION INFORMATION**

Not DOT regulated

## **11 SPECIAL INFORMATION**

None

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communications Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.