



MANUFACTURING COMPANY LIMITED

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## PRODUCT SAFETY DATA SHEET

Product: Grinding Caps and Mandrels  
Classification: Non-Medical Device

### Schedule of Products (Ref):

GTWR/5, GTWR/7, GTWR/10, GTWR/13, GTWR/15	Grinding Caps & Holders
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**Description:** Stoddard Grinding Caps and Mandrels are a cotton based product with corundum in a cured phenolic resin. They are 3 component products.

### Component 1: Cotton based product with corundum in a cured phenolic resin

The materials contained in this product are non-hazardous or non-hazardous at the levels of inclusion. This material may also contain trace elements, which are non-hazardous or non-hazardous at the levels of inclusion.

#### **Physical data:**

Solubility in water: Insoluble  
Evaporation rate: Not applicable  
Physical state: Solid  
Colour: See catalogue  
Odour: None  
Density: Approx. 1.3 – 1.5 g/cm<sup>3</sup> (20C)

### Component 2: Vulcanized Rubber

This material may also contain trace elements, which are non-hazardous or non-hazardous at the levels of inclusion.

#### **Physical data:**

Physical state: Solid  
Colour: See catalogue  
Odour: None  
Evaporation rate: Not applicable  
Specific gravity: Not applicable  
Solubility in water: Insoluble

### Component 3: Mandrel, Metal HP Shank (Steel, Nickel Plated)

**Description:** Steel shank, mandrels HP made from plain carbon steel rod and surface treatment bright nickel plated with HP shank produced to conform with ISO 1797

**Surface Treatment:** Bright Nickel Plated Nickel (Ni) - 99.97%

This material may also contain trace elements, which are non-hazardous or non-hazardous at the levels of inclusion.

## Product Safety Data Sheets

### Physical data:

Physical state: Solid  
Colour: Natural bright metallic  
Odour: None  
Evaporation rate: Not applicable  
Solubility in water: Insoluble  
Melting point: Approx 1400°C

### Additional information:

These instruments should always be used in accordance with instructions regarding rotating speed.

### Health hazard information:

Ingestion: Accidental ingestion is not harmful or a probable route of exposure  
Inhalation: Not respirable  
Allergy: No risk from transient use.

### Hazardous reactivity:

Stability: Stable  
Incompatibility: Strong acids, bases oxidising agents

### First aid measures (in case of):

Inhalation: There are no poisoning risks.  
Skin contact: Do not use in case of a specific allergy. In case of permanent irritation, call for physician.  
Contact with eyes: In case of accident or accidental contact with the moving instrument call for physician.

### Fire and explosion data:

Special fire fighting instructions: None

**Accidental dispersion:** May be swept up or mechanically collected.

**Handling and Storage:** Store dry at room temperature away from light. Avoid temperature > 70°

### Disposal procedures:

Aquatic toxicity: None at levels of inclusion  
Spill or leak: Sweep up to prevent slipping hazard  
Waste disposal: Incinerate or landfill in compliance with federal, state & local regulations.  
Industrial recycling is recommended.  
Transportation: The product should be transported in original containers to avoid damage or leakage.  
Keep containers dry.

### DISCLAIMER OF LIABILITY

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The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

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This PSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this PSDS information may not be applicable.

**Emergency Phone No: (0044) 1462 686221**