



MANUFACTURING COMPANY LIMITED

BLACKHORSE ROAD, LETCHWORTH, HERTS, SG6 1HB, ENGLAND

Tel: + 44 (0) 1462 686221 www.stoddard.co.uk Fax: + 44 (0) 1462 480711

PRODUCT SAFETY DATA SHEET

Product: Rubber Prophy Polishing Cups RA Shank and Screw Type

Classification: Class 2a Medical Device

Schedule of Products (Ref):

TPY000	RUBBER CUP RA GREY RIBBED
TPR003	RUBBER CUP RA WHITE WITH WASHER
TPR003E	RUBBER CUP RA WHITE LARGE SKIRT
TPR003D	RUBBER CUP RA YELLOW
TPR003G	RUBBER CUP RA GREEN
TPY002A	RUBBER CUP RA GREY WITH SKIRT
TPR002A	RUBBER CUP SCREW 6 WEB
TPY003A	RUBBER CUP RA 6 WEB SKIRT
TPY003B	RUBBER CUP RA 6 WEB SKIRT
TPY003C	RUBBER CUP BLUE RA LARGE SKIRT
TPY002	RUBBER CUP RA WHITE 4 WEB
TPY809	RUBBER CUP SCREW WHITE RIBBED
TPR002C	RUBBER CUP SCREW 4 WEB WITH SKIRT
TPR002M	RUBBER CUP SCREW 4 WEB WITH SKIRT
TPR002H	RUBBER CUP SCREW 4 WEB GREEN
TPY805	RUBBER POINT SCREW

Description: Stoddard rubber prophy polishing cups are a rubber to metal moulded product produced by vulcanising natural rubber to metal shanks. They are two component products.

Component 1: Natural Rubber

Description: Latex or rubber is a natural product obtained from the sap of the *Hevea tree*. Preservatives, stabilizers and antioxidants are added during manufacture to assist its stability. It is dipped into a mould, then heated and dried. A dry powder lubricant (usually cornstarch) is often added to prevent the rubber surfaces from sticking together. As far as is practicable proteins are removed (leached) from the finished product by a final washing process.

Composition:

Natural Rubber 87%
Synthetic Rubber 10%
Sulphur 2%
Zinc Dimethyldithrocarbamate 1%

These materials contained in this product are non-hazardous or non-hazardous at the levels of inclusion.

Product Safety Data Sheets

Physical data:

Solubility in water:	Insoluble
Evaporation rate:	Not applicable
Specific gravity:	1.28
Physical state:	Solid
Colour:	White/grey
Odour:	Mild

Component 2: Metal Shanks (Brass) RA and Screw Type (1.72 universal thread)

Description: Turned and fine ground mandrels made from free cutting brass rod JIS H3250 C3604 BD, JIS H3250 C3604 or similar grade specification with RA shanks produced to conform with ISO 1797 and Screw type shanks are produced to 1.72" universal type thread.

Raw Material Composition:

Chemical Analysis %

COMPOUNDS	%
Cu	57.0 – 61.0%
Pb	1.8 – 3.7%
Fe	<0.5%
Sn + Fe	<1.2%
Zn	Remainder

Surface Treatment: Bright Nickel Plated Nickel (Ni) Test Result 99.97%

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:	Natural bright metallic
Odour:	None
Evaporation rate:	Not applicable
Specific gravity:	Not applicable
Solubility in water:	Insoluble

Additional information:

Health hazard information:

Natural rubber is not considered hazardous to health.

Ingestion: Accidental ingestion is not harmful or a probable route of exposure

Inhalation: Not respirable

Allergy: Low 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.

Product Safety Data Sheets

Fire and explosion data:

Extinguishing media: Atomised water jet, carbon dioxide foam, dry chemicals

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: Very low toxicity

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.

The materials contained in this product are non-hazardous or non-hazardous at the levels of inclusion.

Investigation into the suitability of Chemical and Physical Properties for materials including contaminants, residues and corrosion was conducted in accordance with BS EN 1639 Dentistry – Medical devices for dentistry – Instruments and BS EN ISO 10271 Dentistry – Corrosion test methods for metallic materials.

DISCLAIMER OF LIABILITY

The information in this PSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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: 01462 686221