

SAFETY DATA SHEET ACCORDING TO DIR 2001/58/EEC

PRODUCT FAMILY: Stainless Steel Plate

REVISION DATE: 22.07.2005

1 IDENTIFICATION OF THE PRODUCT AND COMPANY

1.1 IDENTIFICATION OF THE PRODUCT (new / (old) code, description)

- 0260-0000 (GSS17) BS 1449 BA S/S PLATE 0.016" THIN GAUGE 5
- 0260-0010 (GSS17/1) BS 1449 BA S/S PLATE 0.021" THICK
- 0260-0020 (GSS17/2) BS 1449 BA S/S PLATE 0.006" EXTRA THIN GAUGE 3
- 0260-0030 (GSS17/3) BS 1449 BA S/S PLATE 0.030" EXTRA THICK GAUGE 10

1.2 UTILISATION OF THE PRODUCT

- Manufacture of devices, including removable custom made dental devices

1.3 IDENTIFICATION OF THE COMPANY

MANUFACTURER: ATTENBOROUGH BRUSH LTD,
 VISCOSA HOUSE,
 GEORGE STREET,
 NOTTINGHAM. NG1 3BN.
 UK.

EMERGENCY TELEPHONE NUMBER: + 44 (0) 115 947 3562

2 COMPOSITION

Stainless steel to BS EN ISO 7153-1:2000

3 HAZARDS IDENTIFICATION

- PRODUCT NOT CLASSIFIED DANGEROUS.
- NO SPECIFIC HAZARDS ARE ENCOUNTERED UNDER NORMAL PRODUCT USE.

4 FIRST AID MEASURES

4.1 CONTACT WITH SKIN

The specific indications will not cause irritation unless the patient has sensitivity to the composition

4.2 CONTACT WITH EYES

The specific indications will not cause irritation unless the patient has sensitivity to the composition.

4.3 SWALLOWING

Always seek medical assistance if the product is swallowed.

4.4 INHALATION

Always seek medical assistance if the product is inhaled.

5 FIRE FIGHTING MEASURES

5.1 RECOMMENDED EXTINGUISHERS

Dry powder extinguishing media

5.2 EXTINGUISHERS NOT TO BE USED

None in particular

5.3 RISKS ARISING FROM

COMBUSTION

Avoid inhaling the fumes

5.4 PROTECTIVE EQUIPMENT

Use protection for the respiratory tract – fire areas should not be entered without breathing apparatus.

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C. & L.E. ATTENBOROUGH LTD
 Dentalcare Group

- ATTENBOROUGH DENTAL LABORATORIES LTD
- ATTENBOROUGH BRUSH LTD
- ATTENBOROUGH DIRECT LTD

Dental Laboratory Services
 Dental Product Manufacturers
 Dental Equipment and Supplies

VISCOSA HOUSE • GEORGE STREET • NOTTINGHAM • NG1 3BN • UK
 TEL: + 44 - 115 - 947 3562 • FAX: + 44 - 115 - 950 9086 • E-MAIL: info@attenborough.com



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 www.attenborough.com



9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE AND COLOUR

- | | |
|--------------------------------|----------------|
| ○ Chromium | Silver metal. |
| ○ Nickel | 16.5 – 26.0% |
| ○ Manganese | 8.0 – 22% |
| ○ Silicon | 2.0% (maximum) |
| ○ Carbon, sulphur, phosphorous | 1.5% (maximum) |
| | trace |

Some alloys contain up to 1.0% titanium and / or up to 3.0% molybdenum

9.2 ODOUR

Odourless

10 STABILITY AND REACTIVITY

10.1 CONDITIONS TO AVOID

Stable under normal conditions. An explosion may occur if molten metal is in contact with water. Boiling point, vapour pressure, pH, density, evaporation rate or solubility in water are not applicable

10.2 SUBSTANCES TO AVOID

As a generality do not store metals near acids (particularly nitric acid) or alkalis.

10.3 HAZARDOUS DECOMPOSITION PRODUCTS

Contact with these substances may produce noxious fumes or inflammable gases

11 TOXICOLOGICAL INFORMATION

11.1 SWALLOWING

May become lodged in the digestive tract and cause irritation. Note that risk of swallowing should at all times be avoided. If accidentally swallowed OES limits to constituents are as below.

11.2 INHALATION

May become lodged in the respiratory tracts and cause irritation. Note that risk of inhalation should at all times be avoided. If accidentally inhaled OES limits to constituents are as below.



Denplan



INVESTORS IN PEOPLE UK

MDD Registration CA 000493



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Nickel:

Metallic nickel and its salts are potent skin sensitisers. Occupational asthma due to respiratory sensitisation to nickel and nickel salts has been recorded in the electroplating, metal polishing, catalyst reprocessing and stainless steel welding industries. OES long-term limit to nickel is 0.5mg/m³.

Chromium

Essentially non-toxic in elemental form. As trioxide it may be oxidising and corrosive and may cause skin sensitisation. OES long-term limit for chromium is 0.5mg/m³

Manganese

Essentially non-toxic in elemental form although as a dioxide can be harmful by ingestion or inhalation. OES limits are:

	Long Term (mg/m ³)	Short Term (mg/m ³)
Manganese fume (as Mn)	1.0	3.0
Manganese and its Compounds (as Mn)	5.0	n/a
Trimanganese tetroxide	1.0	n/a

Silicone

Essentially non-toxic in elemental form. OES long-term limit is 10.0mg/m³ as total inhalable dust and 5.0mg/m³ as respirable dust.

Titanium

Essentially non-toxic in elemental form. OES long-term limit for titanium dioxide is 10.0mg/m³ as total inhalable dust and 5.0mg/m³ as respirable dust.

Molybdenum

Essentially non-toxic in elemental form. OES limit for soluble molybdenum compounds as Mo is 5.0mg/m³ as (long term) and 10.0mg/m³(short term)

12 ECOLOGICAL INFORMATION

Use according to good working practice

13 DISPOSAL CONSIDERATIONS

Comply with the local and national regulations currently in force. Waste not dangerous.

14 TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

15 REGULATORY INFORMATION

- The product is manufactured from stainless steel to BS EN ISO 7153-1:2000
- The product should not be considered dangerous according to DIR 88/379/EEC.
- The product is not classified as a Medical Device according to DIR 93/42/EEC.
- The product must be tested and approved under the processes of the individual or organisation if it is used in the manufacture a removable custom made dental device.

16 OTHER INFORMATION

Every effort has been made to ensure that the information is correct and gives adequate safety within current knowledge. Whilst responsibility for errors and omissions are not accepted, the Company will endeavour to supply information of any of its products on request.



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