



## MATERIAL SAFETY DATA SHEET (EC 1907/2006)

Material name

**Neoss MSDS 2 - GOLD**

Document no

**11021**

Version

**0**

Date

**2010-06-01**

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>Trade name</b>	Gold
<b>Company</b>	Neoss Ltd. Windsor House Cornwall road Harrogate, HG1 2PW <a href="http://www.neoss.com">www.neoss.com</a>
<b>Telephone</b>	+44 1423 817-733
<b>Telefax</b>	+44 1423 817-744
<b>Email</b>	<a href="mailto:info@neoss.com">info@neoss.com</a>
<b>Emergency telephone number</b>	Your local Neoss office
<b>Use of the Substance /Preparation</b>	Production of machined parts

### SECTION 2: COMPOSITION/ INFORMATION ON INGREDIENT

Gold 60% - 63%. Formula Au

Details of alloy composition are given in the purchase specifications or test certificate and may include remaining percentages of Platinum, Silver, Copper, Palladium, Iridium and/or other elemental alloying additions.

### SECTION 3: HAZARDS IDENTIFICATION

#### Hazards Identification

Under normal conditions, contact with this product in massive form is unlikely to cause a health hazard and the component elements are generally regarded as non-toxic.

#### Special Hazards Information for Man and Environment

In powder form and finally divided form some of the component elements can cause irritation of the respiratory tract. Processing operations such as melting, soldering, cutting, grinding and polishing may cause fine airborne dust which in very rare cases may provoke allergic dermatitis in susceptible individuals.

### SECTION 4: FIRST AID MEASURES

#### General Information

Under normal conditions, contact with this product in massive form is unlikely to cause a health hazard and the component elements are generally regarded as non-toxic.

#### Inhalation

If fumes or dust is inhaled, remove subject to fresh air and get medical help.

#### Skin contact

Wash affected skin area with water and soap.

#### Eye contact

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

#### Ingestion

Under normal conditions and respecting the hygienic working conditions, contact with this product is unlikely to cause a health hazard.

### SECTION 5: FIRE-FIGHTING MEASURES

Special measures are not necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures:

Special measures are not necessary.



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### Environmental precautions

Special measures are not necessary.

### Methods and materials for containment and cleaning up:

Collect solids as they have value and may be recycled as precious metal scraps.

## SECTION 7: HANDLING AND STORAGE

### HANDLING

#### Precautions for safe handling

Keep out of reach of children.

Avoid dust. Do not mix with other alloys.

#### Advice on Protection against Fire and Explosion

Special measures are not necessary.

### STORAGE

#### Requirements for Storage Rooms and Vessels

Special measures are not necessary.

#### Advice on Storage Compatibility

Special measures are not necessary.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Respiratory Protection

Wear face protection when melting and polishing. Use suction unit.

### Hand Protection

Wear suitable gloves when melting and soldering.

### Eye protection

Wear eye protection when melting, soldering and polishing.

### Skin protection

Wear suitable protective clothes when melting and soldering.

### Hygiene Measures

Wash your hands after the work.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

**Form:** Solid

**Colour:** Light Yellow

**Odour:** None

## SECTION 10: STABILITY AND REACTIVITY

Nothing reported

## SECTION 11: TOXICOLOGICAL INFORMATION

**Biocompatibility:** ISO 10993 – 5, ISO 10993 – 3, ISO 10993 – 10

**Corrosion-Resistance:** ISO10271

## SECTION 12: ECOLOGICAL INFORMATION

### Data on Elimination

Scrap into containers suitable for reclamation or recovery.



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### SECTION 13: DISPOSAL CONSIDERATIONS

#### Product

Collect dust or scraps for recovery to be refined.

### SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

### SECTION 15: REGULATORY INFORMATION

#### Labelling According To EC-Regulations

Other data According to the Dangerous Preparations Directive (1999/45/EG): no labelling

### SECTION 16: OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is given in good faith being based on the latest information available and is to the best and belief accurate and reliable at the time of preparation. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness and we assumes no responsibility and disclaims any liability incurred in using this information. The product is supplied under condition that the user accepts the responsibility to satisfy himself so as to the suitability and completeness of such information for his own particular use.