

## **RD0401/2 Rev: BMaterials Safety Data Sheet (MSDS)**

### **Gold Bonding Wire**

#### **1 Identification of the substance/preparation and the company/undertaking**

##### **1.1 Identification of the substance / preparation**

Gold Bonding Wire for electronic applications

##### **1.2 Company**

Kulicke & Soffa (S.E.A.) Pte . Ltd.

Bonding WireBlock 5002 Ang Mo Kio Ave 5

#04-05 TECHPlace II

Singapore 569871Tel: (65) 6484 0555 Fax: (65) 6485 6778

#### **2 Composition / information on ingredients**

Types Total Gold Content

4N Gold Wires

3N Gold Wires

2N Gold Wires

Min: 99.99%

Min: 99.90%

Min: 99.00%

#### **3 Hazards identification**

None

#### **4 First aid measures**

4.1 Ingestion not applicable

4.2 Inhalation not applicable

4.3 Skin contact not applicable

4.4 Eye contact not applicable

4.5 Physician indication not applicable

#### **5 Fire-fighting measures**

5.1 Suitable extinguishing media: not applicable

5.2 Unsuitable extinguishing media: not applicable

5.3 Hazardous decomposition products: not applicable

5.4 Special protective equipment for fire fighters: not applicable

#### **6 Accidental release measures**

6.1 Personal precautions: not applicable

6.2 Environmental precautions: not applicable

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#### **7 Handling and storage**

7.1 Handling no safety environmental hazard

7.2 Storage no safety environmental hazard

#### **8 Exposure controls / Personal protection**

8.1 Exposure limits not applicable

8.2 Personal protection not applicable

## 9 Physical and Chemical properties

Form : Metal

Color : Gold

Odor : odorless

State variation : none

Relative density (25°C)

Vapor pressure (25°C)  
(100°C)

ViscositySolubility in Water (25°C)

PH

Flash pointAutoignition temperatureExplosion limitThermal decomposition

: 19.32 g/cm<sup>3</sup>

: not applicable

: not applicable

: not applicable

: none

: not applicable

: not applicable

: not applicable

: not applicable

: melting point 1050-1100°C

## 10 Stability and Reactivity

StabilityCircumstances / Situations to avoidSubstances to avoid

Hazardous substances after burning

: Stable

: none known

: none known

: none known

## 11 Toxicological information

## 12 Ecological information

## 13 Disposal considerations

## 14 Transport information

This is not a hazardous product according to the transport regulations: RID / ADR / IMDG / ICAO.

## 15 Regulatory information

According to this product is not subject to any regulations.

## 16 Other information

The information contained herein is based on the present state of our knowledge and is intended to describe

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cribe our product from the point of view safety requirements. It does therefore not guarantee specificpro



perties of the products.