

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/cm³

: 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.