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### 1. Product and Company Identification

<b>Name of product</b>	<b>Au Bonding Wire – HD2, HD5, HD6, HA6</b>
<b>CAS Number</b>	<b>7440-57-5</b>
<b>Manufacturer</b>	<b>Heraeus Electronic Materials Phils., Inc.</b> Gateway Business Park Brgy Javalera, Gen Trias Cavite Philippines 4107 Phone +63 2 749 5661, +63 46 433 0421 Fax +63 2 749 5660, +63 46 433 0423 E-mail ray.pating@heraeus.com.ph

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### 2. Composition / information on ingredients

Material	Purity	Impurities	Elements , ppm
Gold ( Au )	99.99%	≤ 100 ppm	Ag: ≤30, Be: ≤10, Ca: ≤30

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### 3. Hazards information for man and environment

No identified effect on man and environment

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### 4. First aid measures

#### General information

Product composition and nature is insusceptible to case of any inhalation and ingestion.

#### In case of skin contact

If anyone has allergy to gold, seek medical advice.

#### In case of eye contact

Avoid too much rolling of eye ball and immediately seek doctor for treatment.

#### Treatment

Seek medical advice for any symptoms.

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### 5. Fire fighting measures

Product does not burn but will only change form and melt down if directly expose to fire.

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### 6. Accidental release measures

No special measures.

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### 7. Handling and storage

Handle the product in vertical position.

Wear protective gloves to handle the product.

Store in controlled environment and safety locks to avoid any loss or damage.

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### 8. Exposure controls / personal protection

No declared special measures.

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### 9. Physical and chemical properties

Form	Color	Odor
<b>solid strands</b>	<b>yellow gold</b>	<b>odorless</b>
Boiling point	<b>2807 deg centigrade</b>	
Melting point	<b>1063 deg centigrade</b>	
Density	<b>19.3 g / cu cm</b>	
Solvent solubility	<b>aqua regia, hot sulfuric acid, alkali cyanide solution</b>	

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### 10. Stability and reactivity

#### Conditions to avoid

No hazardous reactions known

#### Hazardous decomposition products

none

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### 11. Toxicological information

No known information

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### 12. Ecological information

Ecological data are not available.

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### 13. Disposal considerations

#### Recommendations for the product

Not to be disposed, recyclable material.

#### Recommendation for the packaging

Packaging is returnable to supplier for proper disposal or re-use.

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### 14. Transport information

Not regulated.

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### 15. Regulatory information

Remarks for classification

Does not require a hazard warning label but proper handling precautions must be observed.

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### 16. Other information

#### Disclaimer

Prepared by Heraeus Electronic Materials Philippines, Inc. from the best knowledge available; no responsibility is accepted that the information is sufficient or correct in all cases.