



Safety data-sheet

According to 91 / 155 EEC

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1. Chemical product and company identification

Name of product:

Zinc coated wire for EDM
machines

Manufacturer/distributor:

Opec Engineering Co.,Ltd.
3B-5L Eyon Hansan Industrial Park
Chong-buk Myon, Pyong-taek City,
Kyong-gi Province, Korea
Telephone: +82-31-683-8161
Telefax: +82-31-683-1986
E-mail: webmaster@opeceng.com

Product details:

2. Composition / Information on ingredients

Coated Wire (CuZn 35)
Core(Cu) : 65
Zinc(Zn) : Remain
Lead(Pb) : <0.01
Iron(Fe) : <0.01
Coating : Zinc(Zn) (3-5 μ m)

Standard tensile strength: 900 N/mm² and 500 N/mm²

3. Hazards identification

4. First aid measures

Inhalation	No inhalation may occur
Skin contact	Harmless
Eye contact	Harmless
Oral contact	Harmless



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5. Fire fighting measures

Flash point	Non flammable
Autoignition	None
Extinguishing media	Water - sand
Extinguishing media to avoid	None
Hazardous decomposition products	None
Flammability limits in air	Not applicable
Unusual fire and explosion hazard	None

6. Accidental release measures

No accidental release may occur.
Protective equipment: none
Waste disposal: disposal of waste according to the country's law provisions.

7. Handling and storage

Protective equipment: Eyes: None
Skin: None
Inhalation: No inhalation can occur
Ventilation: No special ventilation is required.

8. Exposure controls / personal protection

Eye: None
Skin: None
Oral: None
Inhalation: No inhalation may occur
Comments: These products are in solid form and do not generate any dust.

OPEC ENGINEERING CO., LTD.

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9. Physical and chemical equipment

Boiling point (°C)	None
Melting point (°C)	915°C - 920°C
Evaporation rate:	None
Solubility in water:	Insoluble
Appearance:	Silver, Shining, solid
Odour:	None
Vapor density:	None

Note: The above information is not intended for use in preparing product specifications.

10. Stability and reactivity

Stability: stable
Incompability (material to avoid): oxidizing agents

11. Toxicological information**12. Ecological information****13. Disposal considerations****14. Transport information****15. Regulatory information****16. Other information**

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Precautions can be taken in handling and storing: Use reasonable care and caution.

Other precautions: none

Comments: No toxicity

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The information in this safety data sheet is based on our present knowledge. However, it does not represent a guarantee for any specific product features and does not establish a contractual relationship. This safety data sheet was drawn up by the Opec Engineering co.,Ltd. , Korea
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