



Material Safety data-sheet

According to 91 / 155 EEC

Product-No.

Printed : 1.31.2008

Page 1/4

1. Chemical product and company identification

Name of product:

Brass wire CuZn35 for EDM

machines

Manufacturer/distributor:

Opec Engineering Co.,Ltd.

3B-5L Eyon Hansan Industrial Park

Product details:

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

2. Composition / Information on ingredients



Brass Wire (CuZn 35)

Copper(Cu) : 65

Zinc(Zn) : Remain

Lead(Pb) : <0.01

Iron(Fe) : <0.01

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



Material Safety data-sheet

According to 91 / 155 EEC

Product-No.

Printed: 1.31. 2008

Page 2/4

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.



Material Safety data-sheet

According to 91 / 155 EEC

Product-No.

Printed: 1.31.2008

Page 3/4

9. Physical and chemical equipment

Boiling point (°C)	None
Melting point (°C)	915°C ~ 920°C
Evaporation rate:	None
Solubility in water:	Insoluble
Appearance:	Bright yellow, 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

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

Other precautions: none

Comments: No toxicity

OPEC ENGINEERING CO., LTD.
3B-5L EYON HANSAN INDUSTRIAL PARK,
CHONG-BUK MYON, PYONG-TAEK CITY,
KYONG-GI PROVINCE, KOREA



TEL. +82-31-683-8161
FAX. +82-31-683-1986

Material Safety data-sheet

According to 91 / 155 EEC

Product-No.

Printed: 1.31. 2008

Page 4/4

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

(Phone: +82-31-683-8161; Fax: +82-31-683-1986; E-mail: webmaster@opeceng.com).