

MATERIAL SAFETY DATA SHEET**Brass Powder****Page 1 of 4****1.) Product & Company Identification**

Supplier : Me-Toz Metal Tozları Makina Yedek Parça San.Tic.Ltd.Şti.
Altın-tepe Mah. İlk-bahar Çık-mazı Sk. No.3 K.2 D.3 Maltepe - İstanbul
Emergency Contact : TEL : 0090 216 489 45 40 GSM : 0090 532 282 3749
Manufacturer : Me-Toz Metal Tozları Makina Yedek Parça San.Tic.Ltd.Şti.
Altın-tepe Mah. İlk-bahar Çık-mazı Sk. No.3 K.2 D.3 Maltepe - İstanbul
Product Name : Brass Powder

2.) Composition / Information on Ingredients

Composition % : Cu %70-95, Zn %3-30, Al %<2
Particle Shape : Irregular
Appearance : Reddish to Gold, with variable grade size

3.) Hazards Identification**Europe**

Xi : Irritant








N : Dangerous for the environment

Information pertaining to particular dangers

R36/37/38 : Irritating to eyes, skin and respiratory tract.

R52 : Harmful to aquatic organisms.

Component	ACHIG TWA	OSHA PEL	Hazard Designation	Weight Percent (%)
Copper CAS Number: 7440-50-8 EINECS Number: 231-159-6	1 mg/m ³	1 mg/m ³	 Xi  N	70 – 95
Zinc CAS Number: 7440-66-6 EINECS Number: 236-671-3	None Established	None Established	 Xi  N	3 – 30
Aluminum CAS Number: 7429-90-5 EINECS Number: 231-072-3	2 mg/m ³	None Established	 N	<2

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Eye	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin	: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse.
Ingestion	: Do NOT induce vomiting unless instructed by a physician. Contact physician immediately
Inhalation	: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.

5.) Fire Fighting Measures

Suitable Extinguishing Media : Foam, CO2, Dry Chemical, Water fog

	<u>Cu</u>	<u>Zn</u>	<u>Al</u>
Flash Point	N/A	N/A	N/A
Limits : LEL%	N/A	0.5 oz/ft3	0.035 oz/ft3
UEL %	N/A	N/A	N/A

6.) Accidental Release Measures

Not Applicable

7.) Handling and Storage**Handling** : Use good general housekeeping procedures**Storage** : Store in Closed containers. Use only with adequate ventilation**8.) Exposure Controls / Personal Protection**

Eye/Face Protection	: Wear protective eyeglasses or chemical safety goggles, per OSHA eyeand face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.
Skin Protection	: Wear chemically protective gloves to prevent prolonged or repeated skin contact.
Respiratory Protection	: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator.
Comments	: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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Appearance	: Reddish to Gold		
Particle shape	: Irregular		
Odour	: Odourless		
Physical State	: Powder Solid		
Solubility	: Insoluble in water		
	Cu	Zn	Al
Boiling Point	: 2567° C	907° C	2630 ° C
Specific Gravity	: 8.92	7.14	2.17
Melting Point	: 1083 ° C	419 ° C	660 ° C
Molecular Weight	: 63.50	65.37	26.98

10.) Stability and Reactivity

Stability	: Material is stable.
Hazardous Polymerization	: Hazardous polymerization does not occur.
Incompatible Materials	: Strong alkalis, chlorates, bromates, amines, mineral acids, ammonium salts, potassium nitrate, selenium, sodium peroxide, hydrogen peroxide, sulfur, tellurium, carbon disulfide, chlorine, chlorine trifluoride, chromic anhydride, fluorine, magnesium, iodates, oxides, nitrates, nitrites, chlorides, palladium, manganese, magnesium plus potassium chlorate, sodium carbonate, sulfates, diborane, chlorinated hydrocarbons.
Hazardous Decomposition Products	: Decomposition may yield hydrogen and noxious copper and zinc compounds.

11.) Toxicological Information

Eye Effects	: Irritation
Skin Effects	: Irritation
Carcinogenicity	: None Determined
Mutagenicity	: None Determined
Teratogenicity	: None Determined

12.) Ecological Information

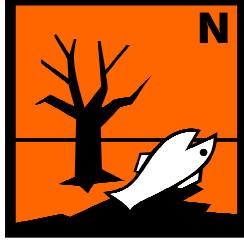
None established

13.) Disposal Considerations

Must be disposed of in accordance with applicable Federal, state and local regulations

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	DOT	IATA	IMDG/IMO
UN-No		UN3077	UN3077
Proper Shipping name		BrassPowder	BrassPowder
Hazard Class	Not Regulated	9	9
Label		Marine Pollutant	Marine Pollutant

15.) Regulatory Information

Xi : Irritant

N : Dangerous for the environment

- R36/37/38 : Irritating to eyes, skin and respiratory tract.
R52 : Harmful to aquatic organisms.
S7 : Keep container tightly closed.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 : Take precautionary measures against static charges.
S37/39 : Wear suitable protective clothing, gloves and eye and face protection.

16.) Other Information

No Data Available

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MetoZ Metal Tozları Makine Yedek Parça San. Tic.Ltd.Şti.