



ZINCO COFANI

Società a responsabilità limitata VAT no. 00227730181
Via 4 Novembre, 18 27036 Mortara PV, Italy
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SAFETY DATA SHEET

Released: November 2012

Nome prodotto: **ROLLED ZINC 99,95 %**

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Rolled Zinc 99,95
Application: Tinsmith items

Company: **ZINCO COFANI S.r.l.**
Address: **Via 4 Novembre, 18 – 27036 Mortara PV, Italy, tel. +39 0384 - 98333/- 293364**
Emergency phone number: **+39 333 1354762**

2. COMPOSITION AND INFORMATIONS ON INGREDIENTS

Common name: Rolled Zinc Coil and Sheet

Hazardous components: none

Chemical name	CAS number	%	Hazard labelling	R-phrases	S-phrases
Zinc	7440-66-6	99,95	none	none	none

3. HAZARD IDENTIFICATION

Hazard: The product is not a hazardous substance.

Specific hazards: By contact with acids or alkaloids a chemical reaction occurs, by which the hydrogen gas arises. By warming up over 650 °C, ZnO gas exhales.

Main symptoms: Exposure to ZnO gas may cause coughing, weakness and headache. These troubles will disappear in 1 – 2 days.

4. FIRST AID MEASURES

Inhalation: Actions are necessary only after inhalation of ZnO or dust or scald with melted zinc. The injured person must be taken to fresh air and get medical care.

Skin contact: Skin in contact with melted zinc must be washed thoroughly with fresh water and get medical care.

Eyes contact: Eyes in contact with ZnO must be washed thoroughly with fresh water. If irritation persists get medical care.

Ingestion: Get medical care.



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5. FIRE-FIGHTING MEASURES

Extinguishing instruments:	Fire as a result of melted zinc must be extinguished with sand or special D-class means. Water and CO ₂ are not allowed.
Specific hazards:	Fire from explosion must be extinguished with water.
Protective equipment:	Fireproof clothes, helmet, mask and gloves.

6. ACCIDENTAL OUTFLOW MEASURES

Being a solid substance, outflow is impossible.

7. HANDLING AND STORAGE PRECAUTIONS

Handling:	Special attention to sharp edges
Storage:	In a dry and ventilated place

8. PERSONAL PROTECTION

Technical measures:	Safety clothes, helmet, mask and gloves.
Hygiene measur:	After contact wash the hands. Do not smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Metallic, silver colour
Odor:	Limited
Melting point:	419 °C
Boiling point:	906 °C
Flash point:	N/A
Autoignition:	Near the boiling point
Explosion:	Possible by contact of melted zinc with water
Vapour pressure:	1,33 kPa by 487°C
Density:	7,200 kg/m ³
Solubility:	Insoluble
Stability:	Stable under recommended storage conditions
Hazardous conditions:	Contact with humidity, alkaloids, copper and iron



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11. TOXICOLOGICAL INFORMATIONS

Acute toxicity:	No
Chronic toxicity:	No
Specific effects:	None

12. ECOLOGICAL INFORMATIONS

Mutability:	No
Bioaccumulation:	Not expected in biological organisms
Ecotoxicity:	No

13. DISPOSAL INFORMATIONS

Zinc is recyclable.

14. TRANSPORT INFORMATIONS

Overland (RID,ADR, CFR):	N/A
Riverway(ADNR):	N/A
Seaway (IMDG):	N/A

15. REGULATORY INFORMATIONS

Classification:	No
Label indications:	None
Hazard symbols:	None
Warnings:	None

16. OTHER INFORMATIONS

Recommended use:	Metal structures
Possible restrictions:	Instructions by the manufacturer