

SREENIVASA INDUSTRIES

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME : **ZINC METAL**

CHEMICAL NAME & SYNONYMS

313

Zinc, Metal

DOT CLASS

NR
TSCA Listed

SARA TITLE

No
yes

FORMULA

Zn

REPORTABLE QUANTITY

N/A

F.W

65.37

CAS

7440 – 66 – 6

PHYSICAL DATA

Density 7.14; Melting point 419.6⁰C; Boiling point 911⁰ C ; Insoluble in water, soluble in acid or strong base.

APPEARANCE & ODOR

Grey, odorless, metallic granules or shot.

REACTIVITY & CONDITIONS TO AVOID

Stable. Reacts with acid to produce flammable gas (hydrogen).

FIRE HAZARDS

May oxidize in general fire to produce zinc oxide. Firefighters wear SCBA. NEPA # 0 – 1 – 1.

EXTINGUISHER

Dry powder or fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Granular and shot forms of zinc are not significant health hazards. Fumes or dust are harmful if swallowed or inhaled. May be irritating to skin, eyes or mucous membranes. OSHA PEL not established, ACGIH TLV 10 mg/m³ (inhalable fraction). No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling. Use good ventilation or suitable respirator if dust is formed and raised.

FIRST AID

Wash up with water after contact. If discomfort develops, get medical attention. If swallowed, give water to drink and get medical attention.

SPILLS & LEAKS

Sweep up and discard to solid waste.