

## SECTION 1. IDENTIFICATION

Product Name: RMZ (Rubber Mold Zinc)  
Recommended use: Industrial or Professional

Information furnished by

Address: 930 Wellington Avenue  
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Date Prepared: January 27, 2017  
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Emergency Phone #: Poison Control 800-222-1222

## SECTION 2. HAZARDS IDENTIFICATION



Skin irritant  
Toxic to aquatic life

**Hazard Statements:** Low in toxicity but inhalation of dust or fumes may cause “metal fume fever”. Onset of symptoms may be delayed 4-12 hours. Symptoms include irritation of the nose, mouth, and throat, cough, stomach pain, headache, nausea, vomiting, metallic taste, chills, fever, pains in the muscles, joints, thirst bronchitis or pneumonia. May also leave a bluish tint to the skin. These symptoms go away in 24-48 hours and leave no effect.

**Precautionary Statements:** Avoid breathing dust or fumes. Use only in well ventilated area.

Wash hands thoroughly after handling. If swallowed call poison control or doctor. Dispose of in accordance With local and federal regulations.

### **SECTION 3. COMPOSITION/INFORMATION**

<b>Element</b>	<b>CAS</b>	<b>%WT</b>	<b>Carcinogen</b>	<b>TLV/TW A</b>	<b>OSHA PEL ACGIH/OSHA</b>
*Zinc	7440-66-6	93.75- 94.75	No	0.5 mg/cu m	5.0 mg/cu m
*Aluminum	7429-90-5	2.75- 3.25	No	0.5 mg/cu m	15.0 mg/cu m
*Copper	7440-50-8	2.5-3.00	No	0.2 mg/cu m	0.01 mg/cu m OSHA (fume)

\*Product contains one or more of these metallic elements in varying percentages by weight.

### **SECTION 4. FIRST AID MEASURES**

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

### **SECTION 5. FIRE – FIGHTING MEASURES**

Fire Extinguisher type: Use special mixture of dry chemicals. Do not use water or sand.  
Fire/Explosion Hazards: Solid form of material is not combustible under ordinary fire conditions. Fire and explosion hazards are moderate when material is in the form or dust and exposed to heat or flames, chemical reaction, or contact with powerful oxidizers. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

No special precautions are necessary for spills of bulk material. If large quantities of dust are spilled remove by vacuuming with a "Hepa" filter or wet sweeping to prevent heavy concentrations of airborne dust. Clean-up personnel should wear respirators and protective clothing.

## **SECTION 7. HANDLING AND STORAGE**

**Handling:** Use good housekeeping practices to prevent accumulations of dust and to keep airborne dust concentrations to a minimum. Avoid breathing dust or fumes.

**Storage:** Store material away from incompatible materials and keep dust away from sources of ignition.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use general and local exhaust ventilation to keep airborne concentrations of dust or fume below the TLV. Employees should wear OSAH or NIOSH approved respirators for protection against airborne dust or fumes. Full protective clothing should be worn by workers exposed to heavy concentrations of dust, and showering should be required before changing into street clothes. Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis.

Approved safety glasses or goggles should be worn when working with dusty material and molten metal. Safety stations should be provided in close proximity to work areas.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point	787° F
Boiling Point	1661° F
Vapor Pressure	Not Volatile
Vapor Density (air is 1)	Not Volatile
Solubility in Water	NIL
Appearance & Color	Silver to gray metal
Density g/cc	Zinc 7.14 g/cc
Odor	None
% Volatile	Nil
pH	N/A
Evaporation	N/A

### **SECTION 10. STABILITY AND REACTIVITY**

**Reactivity:** Not generally reactive under normal conditions.  
**Chemical stability:** Stable under recommended storage conditions.  
**Conditions to avoid:** Exposure to air. Keep lid tightly closed when not in use.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

**Inhalation –** May be harmful if inhaled.  
**Ingestion –** May be harmful if swallowed

### **SECTION 13. DISPOSAL INFORMATION**

Dispose in accordance with all applicable Federal, State and Local regulations.  
Always contact a permitted waste disposer to assure compliance.

### **SECTION 16. OTHER INFORMATION**

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**END OF SDS**