

# **ITW Ramset/Red Head**

## UNIVERSAL MATERIAL SAFETY DATA SHEET

Chemical Family: Metal  
Trade Name: Zinc Plating  
Formula: Zn  
Appearance and Odor: White Metal; No Odor  
Boiling Point: 907° C  
Vapor Pressure: None @ 70° F  
Specific Gr.: 7.13

### GENERAL INFORMATION

Manufacturer: ITW Ramset/Red Head Date: March 16, 2000  
1300 North Michael Drive  
Wood Dale, Illinois 60191  
Phone Number: (630) 350-0370

### HEALTH HAZARD DATA

Inhalation of zinc fumes from heating coating as in welding, brazing, soldering, etc., will cause fume fever from acute exposure.

Remove victim to fresh air and administer oxygen as required. Get medical help.

Threshold Limit Value: 5 mg/m<sup>3</sup> as fume.

### PERSONAL PROTECTION EQUIPMENT

OSHA approved respirator for dust, mist and fumes are applicable. Use of local exhaust is recommended for hot operations. Use of gloves, aprons and safety glasses when handling materials is required.

### REACTIVITY

Polishing or grinding dust may be explosive under certain conditions. Avoid contact with acids as hydrogen gas will be liberated.

### DISPOSAL, SPECIAL PRECAUTIONS

Where quantities warrant, store for possible reclamation. After working with coated materials, wash hands and face before eating, drinking or smoking.

Characteristics not covered on this MSDS are not applicable to this material at this time.

### **REACTIVITY DATA**

Stability:	Stable
Hazardous Decomposition Products:	None Anticipated
Incompatibilities (Materials to Avoid):	Acids
Polymerization:	Will Not Occur

### **HEALTH HAZARD DATA**

Health Effects/Signs and Symptoms:	Not Applicable
Usual Route(s) of Entry:	Sharp Metal Fasteners May Cut Skin
Medical Conditions Possible Aggravated:	None Known
Carcinogen Information:	None Known

Eye Contact:	Not anticipated to pose a significant eye hazard.
Skin Contact:	Not anticipated to pose a significant skin hazard.
Ingestion:	Not anticipated to pose a significant ingestion hazard.
Inhalation:	Not considered an inhalation hazard.

### **OCCUPATIONAL EXPOSURE CONTROL MEASURES**

Eye Protection:	Safety Glasses Recommended
Skin Protection:	Gloves Recommended
Ingestion:	Never place metal fasteners into mouth.

### **SPILL, LEAK AND DISPOSAL INFORMATION**

Procedures to follow if material is released or spilled: N/A

Waste Disposal Method(s): Any excess product can be recycled for further use or disposed by methods which are in accordance with local, state and federal regulations.

### **ADDITIONAL OR MISCELLANEOUS INFORMATION**

Coatings are applied to the surface of metal products. These are usually classified as protective coatings or lubricants. The typical coatings are as follows:

Zinc Plating / Chromate  
Dyeing (Color Identification)

The possible presence of these coatings on metal products should be recognized when evaluating potential employee health hazards and exposures during normal use.