



# MATERIAL SAFETY DATA SHEET

**ZINC WHEEL BALANCE WEIGHT - UNCOATED**

Updated July 10, 2012

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Zinc Wheel Balance Weight - Uncoated  
 Product use: Wheel Weight, Balance Weight  
 Company Identification: **Perfect Equipment Inc.**  
 1715 Joe B. Jackson Parkway  
 Murfreesboro, TN 37127  
 Customer Service, Product Information: (800) 343-8079  
 Web Site: [www.perfectequipment.com](http://www.perfectequipment.com)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Component Percent	Ingredient Percent	Exposure Limits
<b>Zinc Casting Alloys</b>		<b>93.67%</b>		
Zinc	7440-66-6		82%	NA
Aluminum	7429-90-5		13%	NA
Copper	7440-50-8		5%	1 mg/m <sup>3</sup>
<b>Carbon Steel Clip</b>		<b>6%</b>		
Iron	7439-89-6		93%	5 mg/m <sup>3</sup>
Calcium	7440-70-2		0.05%	NA
Carbon	7440-44-0		0.31%	NA
Copper	7440-50-8		0.24%	1 mg/m <sup>3</sup>
Manganese	7439-96-5		0.8%	5 mg/m <sup>3</sup>
Silicon	7440-21-3		0.31%	10 mg/m <sup>3</sup>
Sulphur	7704-34-9		0.02%	NA
Aluminum	7429-90-5		0.06%	NA
Antimony	7440-36-0		0.01%	NA
Zinc (metal)	7440-66-6		5.12%	NA
<b>Electroplate</b>		<b>.33%</b>		
Zinc	7440-66-6		34.5%	NA
Chromium	16065-83-1		31.7%	0.5 mg/m <sup>3</sup>
Cobalt	7440-48-4		1.0%	NA

This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200. "Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees."



**HAZARDS DISCLOSURE:** This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains no known hazardous materials.

### 3. HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW – NON-HAZARDOUS WHEN USED AS INTENDED.**

NFPA Rating: Health - 0, Flammability - 0, Reactivity - 0  
NFPA Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme)

#### **POTENTIAL HEALTH EFFECTS:**

<b>INHALATION:</b>	None	<b>INGESTION:</b>	None
<b>SKIN CONTACT:</b>	None	<b>EYE CONTACT:</b>	None
<b>CHRONIC EXPOSURE:</b>	No Chronic effects.		
<b>AGGRAVATION OF PRE-EXISTING CONDITIONS:</b>	None known		

### 4. FIRST AID MEASURES

<b>INHALATION:</b>	N/A	<b>INGESTION:</b>	N/A
<b>SKIN CONTACT:</b>	N/A	<b>EYE CONTACT:</b>	N/A

### 5. FIRE FIGHTING MEASURES

<b>FLASH POINT (PMCC):</b>	NA	<b>AUTO-IGNITION TEMPERATURE:</b>	NA
<b>FLAMMABLE LIMITS IN AIR % BY VOLUME:</b>		<b>LEL:</b>	NA
<b>EXPLOSION:</b>	N/A	<b>UEL:</b>	NA

**FIRE EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

Pick-up for re-use or recycle

### 7. HANDLING AND STORAGE

<b>SHELF LIFE:</b>	N/A
<b>HANDLING (PERSONNEL):</b>	Handle in accordance with good hygiene and safety procedures
<b>STORAGE PRECAUTIONS:</b>	None Established

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>AIRBORNE EXPOSURE LIMITS:</b>	See section 2 for component exposure levels.
<b>VENTILATION SYSTEM:</b>	No special ventilation required.
<b>PERSONAL RESPIRATORS (NIOSH APPROVED):</b>	None required.



**SKIN PROTECTION:** Wear gloves if dust is present. Observe good industrial hygiene practices.  
**EYE PROTECTION:** Wear safety glasses. Use Good safety practices.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>FORM:</b>	Solid	<b>COLOR:</b>	Grey
<b>ODOR:</b>	Odorless	<b>SPECIFIC GRAVITY:</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Not soluble	<b>PH:</b>	N/A
<b>MELTING/FREEZING POINT:</b>	N/A	<b>BOILING POINT:</b>	3000°C
<b>% VOLATILES BY VOLUME @ 21°C (70°F):</b>	N/A		
<b>VAPOR PRESSURE (mm Hg):</b>	N/A		

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable under ordinary conditions of use and storage.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITIES:** Strong acids, phosphorus, chlorine and peroxide  
**CONDITIONS TO AVOID:** Incompatibles

**11. TOXICOLOGICAL INFORMATION**

**TOXICITY DATA:**

<u>Product Name</u>	<u>Oral, LD50, Rat</u>	<u>Dermal</u>	<u>Inhalation</u>
Zinc Wheel Balance Weight	N/A	N/A	N/A

*Conditions and work practices, which generate dusts or fumes, should be avoided.*

<u>Cancer Lists</u>	<u>---NTP Carcinogen---</u>		
<u>Ingredient</u>	<u>Known</u>	<u>Anticipated</u>	<u>IARC Category</u>
Components	No	No	None

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL FATE:** No Data Available  
**ENVIRONMENTAL TOXICITY:** No Data Available

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL:**  
Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. TRANSPORTATION INFORMATION**

**Domestic (Land, D.O.T.) International (Water, I.M.O. & Air, I.C.A.O.)**  
**SHIPPING NAME:** Non-Regulated Material  
**PRODUCT LABEL:** Zinc wheel balance weight      **UN NUMBER:** N/A



**ADR:** N/A **IMO CLASS:** N/A  
**D.O.T. HAZARD CLASS:** N/A **PACKING GROUP:** N/A  
**ERG #:** N/A **Max container size for Air Shipments:** N/A

**15. REGULATORY INFORMATION**

**FEDERAL, STATE & INTERNATIONAL REGULATIONS**

<u>Ingredient</u>	<u>SARA 302</u>		<u>-SARA 313-</u>		<u>CERCLA</u>	<u>RCRA</u>	<u>TSCA</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Chemical Catalog</u>			
Zinc Wheel Balance Weight	NO	NO	NO	NO	NO	NO	NO

**Chemical Weapons Convention:** No **TSCA 12(b):** No **CDTA:** No

**SARA 311/312:**

Acute: NO; Chronic: NO; Fire: NO; Pressure: NO; Reactivity: NO (Mixture / Liquid)

**Australian Hazchem Code:** None allocated **Poison Schedule:** None allocated.

**WHMIS:** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHIMS CLASSIFICATION:** Not classified.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists: ENCS (Japan), Korea, Australia, China (Draft), PICCS (Philippines), Japan (ENCS).

**16. OTHER INFORMATION**

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This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004).

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