

WHMIS CLASSIFICATION: Not controlled

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Trade Name	Zinc Wheel Balance Weight
Synonyms	Wheel Weight, Balance Weight, Lead-free Weighs
Chemical Family	Metal
Chemical Formula	Not applicable
Manufacturer	Plombco Inc. 66 Edmond Street Valleyfield, QC Canada, J6S 3E8
Phone number	(450) 371-8800
Utilization	Automotive part to balance wheels

SECTION 2 – INGREDIENTS AND COMPOSITION

Name	Symbol	CAS #*	Mass %	Exposure Limits (mg/m ³)	LD50 (mg/kg)	LC50 (mg/kg)
Zinc	Zn	7440-66-6	80 - 96.1	Not available	Not available	Not available
Aluminum	Al	7429-90-5	3.9 - 4.3	10 mg/m ³	Not available	Not available
Magnesium	Mg	7439-95-4	0.01 - 0.05	Not available	Not available	Not available
Nickel	Ni	7446-02-0	0 - 0.02	1 mg/m ³	Not available	Not available
Iron	Fe	7439-89-6	2 to 20	Not applicable	Not available	Not available

* Chemical Abstracts Service number

SECTION 3 – PHYSICAL PROPERTIES

Physical State	Solid	Solubility	Not soluble in water
Melting point	387°C (729°F)	Vapor Pressure	Not available
Specific gravity	6.9 (Water=1)	Boiling Point	Not available
Odour	Odorless	pH	Not applicable

SECTION 4 – TOXICOLOGICAL INFORMATION

When used and handled according to the specifications, this product doesn't have any harmful effect according to our experience and information provided to us.

Condition and work practices, which generate dusts or fumes, should be avoided

The following toxicological information is base on zinc.

Routes of entry	Ingestion and Inhalation (Inhalation if in liquid, gaseous or dust state)
Acute Effects	No health hazards.
Chronic Effects	No known effects
Exposure limits	See Section 3
Lethal dose and Concentration	See LD50 and LC50 in section 3
Irritation	No known effect
Sensitization	No known effect
Carcinogenicity	Not classified (zinc)
Teratogenicity	No known effect
Mutagenicity	No known effect

SECTION 5 – FIRE AND EXPLOSION DATA

Flammability	NON-FLAMMABLE
Flash point	Not applicable
Flammable limits	Not applicable
Auto-ignition temperature	Not applicable
Product of combustion	Oxides (zinc, iron, aluminum, magnesium, nickel)
Fire Hazard	Non-flammable
Explosion Hazard	Not explosive in presence of mechanical impact or of static discharge
Fire fighting	Use fire fighting materials and procedures adapted to the immediate environment. Firefighters must wear self-contained breathing apparatus (SCBA) and full protective clothing
Special Remark	If melted this product can react violently if mixed with water

SECTION 6 – REACTIVITY

Stability	Stable
Condition of instability	Not applicable
Incompatibilities	Strong acids
Dangerous products of reaction	Not applicable

SECTION 7 – PREVENTIVES MEASURES

Handling	DO NOT INGEST or inhale dust
Storage	Keep away from moisture and incompatible substances (see section 6 for incompatible substances)
Safety Equipment	<i>Safety glasses:</i> if dust is present or if the product is melted <i>Gloves:</i> if dust is present <i>Respirator:</i> if dust or vapors are present (use NIOSH approved respirator or equivalent when concentrations exceed occupational exposure limits)
Special remarks	<i>Ventilation:</i> if dust or vapors are present use local exhaust system.



SECTION 8 – FIRST AID

Ingestion	Induce vomiting. If the person is unconscious do not induce vomiting or give any liquid. Consult a physician.
Inhalation	Remove person from exposure and consult a physician
Eye Contact	Remove contact lenses and flush eyes with water for 20 minutes.

SECTION 9 – TRANSPORT INFORMATION

TDG	Not regulated
PIN	Not applicable

SECTION 10 – OTHER INFORMATION

Prepared by Plombco Inc.
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Reference

- ACGIH, TLVs and BEIs, 1999
- Canadian Center for Occupational Health and Safety, Database MSDS/FTSS, 2009, <http://www.ccohs.ca/>
- Hazardous Products Act (R.S. 1985, c. H-3), Canada, <http://laws.justice.gc.ca/en/H-3/index.html>
- CSST – Répertoire toxicologique, 2009, <http://www.reptox.csst.qc.ca/>
- NIOSH, Pocket Guide to Chemical Hazards, 2001, <http://www.cdc.gov/niosh/npg/npg.html>

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