

WHMIS CLASSIFICATION: Not controlled

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Trade Name	Steel Wheel Balance Weight
Synonyms	Wheel Weight, Balance Weight, Lead-free Weighs. Wheel balancing weights
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)
Iron	Fe	7439-89-6	99	Not applicable	NA	NA
Manganese	Mn	7439-96-5	0.25 to 0.6	5 mg/m ³	NA	NA
Silicon	Si	7440-21-3	0.15 to 0.30	NA	NA	NA
Copper	Cu	7440-50-8	0.20	1 mg/m ³	NA	NA
Chrome	Cr	7440-47-3	0.15	NA	NA	NA
Carbon	C	7440-44-0	0.1	NA	NA	NA
Nickel	Ni	7440-02-0	0.09	1 mg/m ³	9000	NA
Phosphorus	P	7723-14-0	< 0.04	NA	3.8	NA
Sulfur	S	7704-34-9	< 0.05	NA	NA	NA
Molybdenum	Mo	7439-98-7	0.06	NA	NA	NA

* Chemical Abstracts Service number

SECTION 3 – PHYSICAL PROPERTIES

Physical State	Solid	Solubility	Not soluble in water
Melting point	1535°C (2795°F)	Vapor Pressure	Not applicable
Specific gravity	7.86 (Water=1)	Boiling Point	3000°C
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 each individual element composing the alloy.

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	No known effect
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	None
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.
Special Remark	-

SECTION 6 – REACTIVITY

Stability	Stable
Condition of instability	Not applicable
Incompatibilities	Strong acids, phosphorus, chlorine and peroxide.
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.
66 Edmond Street
Valleyfield, QC
Canada, J6S 3E8
(450) 371-8800

Preparation date October 2009

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, 2007, <http://www.cdc.gov/niosh/npg/npg.html>

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