

**WHMIS CLASSIFICATION :** Class D-2A  
Very toxic material causing other toxic effects



## SECTION 1 – PRODUCT AND COMPANY INFORMATION

**Trade Name** Wheel Balance Weight  
**Synonyms** Wheel Weight, Balance Weight, Lead  
**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 <sup>3</sup> )	LD50 (mg/kg)	LC50 (mg/kg)
Lead	Pb	7439-92-1	75 to 95	0.15	Not available	Not available
Antimony	Sb	7440-36-0	2.4 to 7.8	0.5	7 000 (rat)	Not available
Arsenic	As	7440-38-2	0.1 max	0.2	763 (rat) 145 (mouse)	Not available
Iron	Fe	7439-89-6	2 to 20	Not applicable	Not available	Not available

\* Chemical Abstracts Service number

## SECTION 3 – PHYSICAL PROPERTIES

<b>Physical State</b>	Solid	<b>Solubility</b>	Not soluble in water
<b>Melting point</b>	293°C (560°F)	<b>Vapor Pressure</b>	Not available
<b>Specific gravity</b>	11.34 (Water=1)	<b>Boiling Point</b>	1749°C (3180°F)
<b>Odour</b>	Odorless	<b>pH</b>	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.

The following toxicological information is base on lead.

<b>Routes of entry</b>	Ingestion and Inhalation (Inhalation if in liquid, gaseous or dust state)
<b>Acute Effects</b>	abdominal cramps, vomiting and convulsion if ingested in massive quantity.
<b>Chronic Effects</b>	Abdominal cramps, vomiting, convulsion, anemia, tiredness and muscular or articular pain.
<b>Exposure limits</b>	See Section 3
<b>Lethal dose and Concentration</b>	See LD50 and LC50 in section 3
<b>Irritation</b>	Can irritate the eyes and the skin
<b>Sensitization</b>	No known effect
<b>Carcinogenicity</b>	Possibly carcinogenic (depends on rating organism)
<b>Teratogenicity</b>	Possibly teratogenic
<b>Mutagenicity</b>	No known effect

**SECTION 5 – FIRE AND EXPLOSION DATA**

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

**SECTION 6 – REACTIVITY**

<b>Stability</b>	Stable
<b>Condition of instability</b>	Not applicable
<b>Incompatibilities</b>	Oxidizing agents, strong acids, hydrogen peroxide, ammonium nitrate
<b>Dangerous products of reaction</b>	NO <sub>2</sub> fume if mixed with nitric acid

**SECTION 7 – PREVENTIVES MEASURES**

<b>Handling</b>	DO NOT INGEST or inhale dust
<b>Storage</b>	Keep away from moisture and incompatible substances (see section 6 for incompatible substances)
<b>Safety Equipment</b>	<p><i>Safety glasses:</i> if dust is present or if the product is melted</p> <p><i>Coveralls:</i> they should be kept and washed in the workplace. It is recommended not to bring coveralls home to avoid contamination.</p> <p><i>Gloves:</i> if dust is present</p> <p><i>Respirator:</i> if dust or vapors are present (use NIOSH approved respirator or equivalent when concentrations exceed occupational exposure limits)</p>
<b>Special remarks</b>	<p><i>Ventilation:</i> if dust or vapors are present use local exhaust system.</p> <p><i>Hygiene:</i> anyone handling this product should frequently wash their hands and face, especially before smoking, eating or drinking. Smoking, drinking and eating must be prohibited in area where the product is store or handle.</p>



**SECTION 8 – FIRST AID**

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

## SECTION 9 – TRANSPORT INFORMATION

<b>TDG</b>	Not regulated
<b>PIN</b>	Not applicable

## SECTION 10 – OTHER INFORMATION

<b>Prepared by</b>	Plombco Inc. 66 Edmond Street Valleyfield, QC Canada, J6S 3E8 (450) 371-8800
<b>Preparation date</b>	June 2004
<b>Revision date</b>	January 2008

### Reference

- ACGIH, TLVs and BEIs, 1999
- Canadian Center for Occupational Health and Safety, Database MSDS/FTSS, 2002, <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, 2002, <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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