



Material Safety Data Sheet
Wheel Balance Weight – January 2016

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 J.M. Nault Wheel Weights – 2543-3012 Quebec Inc.
34 Industrielle
Delson, Québec
Canada, J5B 1W1
Phone Number (450) 632-0331
Utilization Automotive part to balance wheels

SECTION 2 – INGREDIENTS AND COMPOSITION

Name	Symbol	CAS #*	Mass %	Exposure Limits (mg/m3)	LD50 (mg/kg)	LC50 (mg/kg)
Lead	Pb	7439-92-1	75 to 95	0.15	Not available	Not available
Antimony	Sb	7440-38-2	2.4 to 7.8	0.5	7000 (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

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

The following toxicological information is base on lead.

Routes of entry	Ingestion and Inhalation (Inhalation if in liquid, gaseous or dust state)
Acute Effects	Abdominal cramps, vomiting and convulsion if ingested in massive quantity
Chronic Effects	Abdominal cramps, vomiting, convulsion, anemia, tiredness and muscular or articular pain.
Exposure limits	See Section 3
Lethal dose and Concentration	See LD50 and LC50 in section 3
Irritation	Can irritate the eyes and the skin
Sensitization	No known effect
Carcinogenicity	Possibly carcinogenic (depends on rating organism)
Teratogenicity	Possibly teratogenic
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	Lead, Antimony and Arsenic oxides
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	Oxidizing agents, strong acids, hydrogen peroxide, ammonium nitrate
Dangerous products of reaction	NO ₂ fume if mixed with nitric acid

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	<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>
Special Remarks	<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

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

Notice to Reader

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