



Reference No. : M122
Product Name : Leaded Bodyfill

MATERIAL SAFETY DATA SHEET

Section 1 : IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **LEADED BODYFILL METAL (AF, BF14) 'K A 'k]d]b['a YHJ**
Product List: Autofill, panel solder, wiping metal.
Recommended Use: Used for panel filling and automotive body repairing.

Supplier's / Manufacturer's

Name: Consolidated Alloys
Address: 32 Industrial Avenue, Thomastown, Victoria 3074, AUSTRALIA
Telephone No.: (03) 9359 5811
Emergency No.: (03) 9359 5811 – Business Hours
0439 062 480 – After Hours (24Hrs)

Poisons Information Centre
Victoria
Telephone No.: 131126

Section 2 : HAZARD IDENTIFICATION

Hazard Classification according to criteria of Worksafe Australia.

Risk Phrase(s) R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R33 Danger of cumulative effects.

Safety Phrase(s) S1/2 Keep locked up and out of reach of children.
S13 Keep away from food, drink and animal feeding stuffs.
S20/21 When using, do not eat, drink or smoke.
S28 After contact with skin, wash immediately with plenty of soap and water.
S45 In case of accident or if you feel unwell, contact a Doctor or Poisons Information Centre immediately and (show the label where possible).



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Section 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	Proportion	CAS Number
Lead	Variable	7439-92-1
Tin	Variable	7440-31-5
Antimony	Variable	7440-36-0
Arsenic	Variable **	7440-38-2
Bismuth	Variable **	7440-69-9

** These metals at low levels, <0.5%.

Section 4 : FIRST AID MEASURES

Description of necessary measures according to route of exposure.

Ingestion:	Give plenty of water to drink; seek medical advice if a large object has been swallowed.
Eye:	Irrigate the affected eye(s) with water and seek medical advice to remove the foreign body if necessary.
Skin:	If molten material comes in contact with the skin and adheres: - cool quickly with running water – do not attempt to remove. For metal dust contamination, wash the affected area with soap and water.
Inhalation:	If fume or dust is inhaled, remove victim to fresh air taking care not to become a casualty. Lay patient down and keep warm and rested. Seek medical attention.
Medical Attention and Special Treatment:	Treat symptomatically.

Additional information

Aggravated Medical Conditions Caused by Exposure:	Test for lead in blood if patient has had long term exposure, particularly to dust or fume. Blood lead levels exceeding 100 ug/100ml indicate lead poisoning. Exposure of high levels of airborne or ingested lead may produce symptoms of anaemia, insomnia, weakness, constipation, nausea and abdominal pain. Women of child bearing age should avoid exposure to lead due to post natal effects. Over exposure to Tin and Antimony not expected.
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Section 5 : FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical Powder or Carbon Dioxide.

Hazardous Combustion Products: Non Flammable.

Special Protective Equipment: Fire fighters should wear self contained breathing apparatus and protective clothing if exposed to products of decomposition.

Additional information Avoid contact with strong acids.
Incompatibility: Avoid oxidising materials, acids and peroxides.

HAZCHEM CODE: None Allocated

Section 6 : ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Refer to protection measures listed in 7/8.

Methods and Materials for Containment and Clean Up Procedures

Small Spills / Leaks: In molten state allow to solidify and cool. Break up and recycle as scrap.

Large Spills / Leaks: In molten state allow to solidify and cool. Break up and recycle as scrap. Seek advice of supplier. If necessary dam the spill area to prevent entry of molten metal to drains. Scrap solder by-products can be recycled by returning to supplier.

For Personal Protective Equipment (PPE) - refer to Section 8 of this MSDS (if required)



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Section 7 : HANDLING AND STORAGE

Precautions for Safe Handling: Good occupational practice should be followed when lifting or carrying lead. Always wear protective clothing and equipment when molten metal is present.

Conditions for Safe Storage: Material stable. Storage and transport should not present a problem.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards – *as regulated by:* Worksafe Australia

Chemical Name	ES – TWA	ES – STEL	ES – Peak
Tin (Dust & Fume)	2.0 mg/m ³		
Lead	0.15 mg/m ³		
Antimony	0.5 mg/m ³		
Arsenic	0.2 mg/m ³		
Bismuth	Not Listed		
Biological Limit Values:	No data available.		

Engineering Controls: Avoid inhalation of dust or fume. Vacuuming is recommended. Adequate ventilation/extraction should be provided to keep exposure to below TWA values. Avoid overheating.

Personal Protective Equipment (PPE)

Eye / Face Protection: Safety Glasses or full face mask recommended for exposure to dust or hot metal splashes.

Skin Protection: Leather gloves, safety boots and protective clothing should be worn and kept clean. Always wash hands before eating, drinking, smoking or using the toilet.

Respiratory Protection: An approved dust/fume respirator should be worn when TWA values may be exceeded.



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Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dull Solid
Colour:	Silver/Grey
Odour:	Nil
Vapour Pressure:	N/A
Vapour Density:	N/A
Boiling Point:	N/A
Melting Point:	Composition is variable, therefore none given.
Solubility in Water:	Insoluble
Specific Gravity:	Composition is variable, therefore none given.
Flash Point:	N/A
pH:	N/A

For Flammable Limits (as a percentage volume in air)

Lower Explosion Limit :	N/A
Upper Explosion Limit :	N/A
Ignition Temperature:	N/A
Specific Heat Value :	N/A
Particle Size:	N/A
Volatile Organic Compounds (VOC) Content	N/A
Evaporation Rate :	N/A
Viscosity :	N/A
Percent Volatile :	N/A
Octanol/Water partition coefficient :	N/A
Saturated Vapour Concentration :	N/A
Additional Characteristics	N/A
Flame Propagation/Burning Rate of Solid	N/A
Materials :	
Properties of material that may initiate or contribute to fire intensity :	N/A
Potential for Dust Explosion :	Nil
Reactions that Release Flammable Gases :	Nil
Fast or Intensely Burning Characteristics :	N/A
Non-Flammables that could contribute unusual hazards to a fire :	None
Release of invisible flammable vapour and gases :	Nil
Decomposition Temperature :	N/A

Additional Information

Molecular Weight :	N/A
Solubility :	Insoluble



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Section 10 : STABILITY AND REACTIVITY

Chemical Stability:	Stable under the handling and storage conditions listed in section 7.
Conditions to Avoid:	Avoid contact with strong acids.
Incompatible Materials	Avoid oxidising materials, acids and peroxides.
Hazardous Decomposition Products:	Above 500°C lead fumes may be generated.
Hazardous Reactions:	None

Section 11 : TOXICOLOGICAL INFORMATION

Toxicity Data:	No data available.
Ingestion:	Extremely Unlikely unless in the form of dust or fume. Lead is absorbed in small amounts from the gastrointestinal tract, which may enter through the swallowing of inhaled particles.
Eye:	Dust or metal particles may cause soreness or scratches of the eye.
Skin:	Dust or fumes cannot be absorbed. Burns from hot or molten metal.
Inhaled:	Fumes can cause lead poisoning.

Section 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	The product has no effect on the environment unless in finely divided form.
Persistence / Degradability:	No data available.
Mobility:	No data available.
Environmental Fate:	No data available.
Bioaccumulative Potential :	No data available.



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Section 13 : DISPOSAL CONSIDERATIONS

Disposal Methods: Scrap should be recycled by returning to supplier. Do not dispose to landfill. Do not discharge into drains or water courses. Dispose of in accordance with all local, state and federal regulations at an approved waste disposal facility.

Special Precautions for Landfill or Incineration: Not Applicable

The Disposal Considerations mentioned above applies to the material / product described in this MSDS as manufactured. Further processing, use, or contamination of the product may make the information inappropriate, inaccurate or incomplete.

Section 14 : TRANSPORT INFORMATION

UN Number: None Allocated
UN Shipping Name: N/A
Dangerous Goods Class: None Allocated
Packing Group: None Allocated
Special Precautions / Requirement: N/A
HAZCHEM Code: None Allocated

Additional Information –
Material for Export: N/A

Section 15 : REGULATORY INFORMATION

Poison Schedule Number: None Allocated
EPG: None Allocated
AICS Name: N/A
NZ Toxic Substance: N/A



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Section 16 : OTHER INFORMATION

Last Revision: 28/01/201J

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----- End of MSDS -----