



## Consolidated Alloys

A Division of C.A. Group Australasia Pty. Ltd.  
ABN 83 005 084 097 ACN 005 084 097

Head Office : 32 Industrial Avenue Thomastown, Victoria 3074  
AUSTRALIA  
Mail : PO Box 199, Reservoir, Victoria 3073  
AUSTRALIA  
Telephone : (03) 9359 5811  
Facsimile : (03) 9359 4076  
E-mail : info@cagroup.com.au

Reference No. : D405  
Product Name : Weatherflash

# MATERIAL SAFETY DATA SHEET

## Section 1 : IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **WEATHERFLASH**  
Other Names: **ALUMINIUM FLASHING**  
Recommended Use: Used to protect timber exposed to severe weather and temperatures for window and door frame flashings, ant caps on stumps and fence post caps.

### 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 only  
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) R20 Harmful by inhalation.  
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrase(s) S22 Do not breathe dust.  
S23 Do not breathe gas/fumes.  
S37/39 Wear suitable gloves and eye/face protection.



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## Section 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	Proportion	CAS Number
Aluminium	> 99%	7429-90-5
Silicon	< 1%	7440-21-3
Magnesium	< 1%	7439-95-4
Copper	< 1%	7440-50-8
Manganese	< 1%	7439-96-5
Iron	< 1%	7439-89-6

## Section 4 : FIRST AID MEASURES

Description of necessary measures is applicable to dust or fumes from melted aluminium.

Ingestion:	Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention. Contact the Poisons Information Centre on 13 11 26 or a doctor.
Eye:	Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention.
Skin:	Remove heavily contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re-use. Seek medical attention for persistent redness or irritation of the skin.
Inhalation:	Remove the victim from exposure to fresh air. If not breathing, give artificial respiration. If the patient is unconscious or experiencing respiratory problems, dizziness, nausea seek medical attention.
Medical Attention and Special Treatment:	Treat specific symptoms.

### Additional information

Dust from cutting, grinding or abrading aluminium metal is classified Hazardous.  
Fume from heating aluminium metal to over melting point is classified as Hazardous.



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## Section 5 : FIRE FIGHTING MEASURES

Flammability: This product is non flammable.

Extinguishing Media: In a fire situation DO NOT use water or foam. Dry Chemical Powder Class D extinguisher or smother with dry, uncontaminated sand.

Hazardous Combustion Products: None.

Special Protective Equipment: None.

HAZCHEM CODE: None Allocated

## Section 6 : ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Personnel involved in the clean up should wear protective clothing such as dust-proof goggles, gloves, a Class P2 (Particulate) respirator and coveralls.

### Methods and Materials for Containment and Clean Up Procedures

Spillage: Sweep, scoop or pick-up any off cuts and damaged pieces for re-use where possible or place in a convenient waste disposal container for safe disposal to an approved landfill.

*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:** Wash hands with soap and water before eating. Since the weight of the rolls vary, you must follow manual handling procedures and use lifting equipment such as forklift trucks where necessary.

**Conditions for Safe Storage:** Store the rolls in an upright position under cover in a dry, well ventilated area, protected from the sun (temperature ranging between 0°C and 40°C). Keep away from heat sources and physical damage when not in use. Store away from strong alkalis, halogens, oxidising agents and halogenated hydrocarbons and any fire or explosion risks eg ammonium nitrate. Prevent contact with all strong acids including hydrochloric acid, sulphuric acid, nitric acid and strong alkalis eg potassium hydroxide and sodium hydroxide.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards – as regulated by: Worksafe Australia

Chemical Name	ES – TWA	ES - STEL
Aluminium (Fume)	5 mg/m <sup>3</sup>	
Dust	10 mg/m <sup>3</sup>	
Silicon(Inspirable dust)	10 mg/m <sup>3</sup>	20 mg/m <sup>3</sup>

**Biological Limit Values** No data available.

**Engineering Controls:** Keep exposures to dust as low as practicable. Open air work or use of natural ventilation (opening of doors and windows in buildings) generally provides adequate ventilation. Local mechanical ventilation or extraction may be required in areas where dust standards cannot be achieved.

### Personal Protective Equipment (PPE)

**Eye / Face Protection:** Ventilated non-fogging goggles (dust resistant AS/NZS 1336) should be worn when handling and working in a dusty environment.

**Skin Protection:** Standard duty leather or equivalent AS 2161, coveralls and safety boots.

**Respiratory Protection:** None required if engineering and handling controls are adequate. A suitable P1 or P2 particulate respirator chosen and used in accordance with AS/NZS 1715 and AS/NZS 1716 may be appropriate in dusty conditions.



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## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid sheet in various dimensions and thicknesses.
Colour:	Grey- silvery
Odour:	None
Vapour Pressure:	N/A
Vapour Density:	N/A
Boiling Point:	2467°C
Melting Point:	482 - 660°C
Solubility in Water:	Insoluble
Specific Gravity:	Range 2.5 - 2.9
Flash Point:	Not applicable
pH:	N/A

### *For Flammable Limits (as a percentage volume in air)*

Lower Explosion Limit :	N/A
Upper Explosion Limit :	N/A
Ignition Temperature:	Not flammable
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 Materials :	N/A
Properties of material that may initiate or contribute to fire intensity :	N/A
Potential for Dust Explosion :	N/A
Reactions that Release Flammable Gases :	N/A
Fast or Intensely Burning Characteristics :	N/A
Non-Flammables that could contribute unusual hazards to a fire :	N/A
Release of invisible flammable vapour and gases :	Nil
Decomposition Temperature :	N/A

### Additional Information

Molecular Weight :	26.98 g/mole
Solubility :	Insoluble in Water.



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## Section 10 : STABILITY AND REACTIVITY

Chemical Stability:	Stable. Aluminium dust can be highly reactive.
Conditions to Avoid:	Dust and fume generation. Heating beyond melting temperatures.
Incompatible Materials:	Store away from strong alkalis, halogens, oxidising agents and halogenated hydrocarbons and any fire or explosion risks. Prevent contact with all strong acids including hydrochloric acid, sulphuric acid. Nitric acid and strong alkalis.
Hazardous Decomposition Products:	None
Hazardous Reactions:	None

## Section 11 : TOXICOLOGICAL INFORMATION

Toxicity Data:	The following information is applicable to dust or fumes from melted aluminium. Silicon: LD50 (Ingestion): 3160 mg/kg (Rat)
Ingestion:	With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.
Eye:	Dust may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
Skin:	Repeated heavy contact with the dust may cause drying of the skin and can result in skin rash (dermatitis) typically affecting the hands. Skin contact may result in mechanical injury or abrasion. Thermal burns may occur from exposure to hot material.
Inhalation:	Repeated exposure to high levels of dust may result in increased nasal and respiratory secretions and coughing. Inflammation of lining tissue of the respiratory system may follow repeated exposure to high levels of dust with increased risk of asthma, bronchitis and pneumonia.



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## Section 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	Product is non-toxic to aquatic and terrestrial organisms.
Persistence / Degradability:	Product is persistent and would have a low degradability.
Mobility:	A low mobility would be expected in a landfill.
Environmental Fate:	No data available.
Bioaccumulative Potential :	No data available.

## Section 13 : DISPOSAL CONSIDERATIONS

Disposal Methods:	Place in containers and recycle to an approved recycling depot.
Special Precautions for Landfill or Incineration:	Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal facility.

*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
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## Section 15 : REGULATORY INFORMATION

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

## Section 16 : OTHER INFORMATION

Last Revision: 19/03/2010

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. CONSOLIDATED ALLOYS PROVIDES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA CONTAINED HEREIN. MATERIAL USE IS BEYOND THE CONTROL OF SUPPLIER.

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