

MSDS : ANTICORODAL 110

**ANTICORODAL 110****1 - Identification of the article and of the company:****1.1 Product identifier**Trade Name: **ANTICORODAL 110** AlMgSi1**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the article: semi-finished product

**1.3 Details of the supplier of safety data sheet**

Manufacturer/Supplier:

ROBERT LAMINAGE SA

La Jaluse

CH-2400 LE LOCLE

**Phone:** +41 32 933 91 91**Fax:** +41 32 933 91 89E-mail/Internet: info@robertlaminage.ch [www.robertlaminage.ch](http://www.robertlaminage.ch)**1.4 Information in case of emergency:**

Tox Info Suisse

From Switzerland: call 145

From abroad: call +41 44 251 51 51

Remarks for information sheet: Semi-finished products from aluminium and aluminium-alloy are articles according to Regulation (EC) No. 1907/2006 (REACH Regulation).

For articles there is no legal obligation to issue a safety data sheet. However, to be able to provide information typically included in a safety data sheet also for articles, the present information sheet for articles has been worked out.

We expressly point out that the information sheet for articles is a voluntarily issued information sheet which is not subject to the formal requirements of the REACH Regulation.

**2 - Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP-Regulation):

For products there is no obligation to classify acc. to CLP -Regulation.

The product is not classified according to the CLP regulation.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard-determining components of labelling: Void

Hazard statements: Void

**2.3 Other hazards**

Results of PBT and vPvB assessment

PBT: Not applicable to metals

vPvB: Not applicable to metals.

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**3 - Composition/information on ingredients**

**3.2. Chemical characterisation: Mixtures**

Description: Metal in compact form.

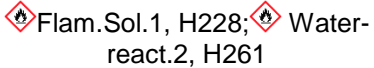


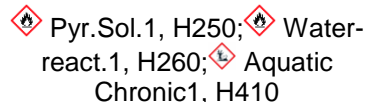
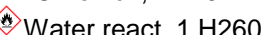
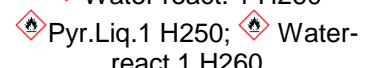
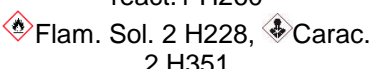
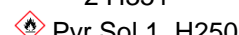
Material code (DIN CEN/TS 13388:2015-08): AlMgSi1

Material number (DIN CEN/TS 13388:2015-08): 3.2315

UNS-number: A96082

Information:

The classifications mentioned below reflect the respective pure substance and are for information only. Aluminium alloys are special preparations according to Regulation (EC) 1907/2006 (REACH Regulation). The classification of a pure substance is not applicable to its use as element of an aluminium alloy.

<b>Alloy components:</b>				
Chemical Element	% Weight (max)	N° CAS	N° EINECS	Others information
Al	Bal.%	7429-90-5	231-072-3	
Fe	0.00-0.50%	7439-89-6	231-096-4	
Cu	0.00-0.10%	7440-50-8	231-159-6	
Si	0.70-1.30%	7440-21-3	231-130-8	
Zn	0.00-0.20%	7440-66-6	231-175-3	
Mn	0.40-1.00%	7439-96-5	231-105-1	
Mg	0.60-1.20%	7439-95-4	321-104-6	
Cr	0.00-0.25%	7440-47-3	231-157-5	
Ti	0.00-0.10%	7440-32-6	231-142-3	

SVHC	
7440-47-3	Chromium

**4 - First aid measures**

**4.1. Description of first aid measures**

General information:

No special measures required.

First Aid information refer to any dust which is generated.

After inhalation: Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water.

**4.2. Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

**4.3. Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

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## 5 - Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents:

Non-flammable. Use firefighting measures that suit the environment.

### 5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

### 5.3 Advice for firefighters:

Protective equipment: No special measures required.

### Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

## 6 - Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Not required.

### 6.2 Environmental precautions:

Not required.

### 6.3 Methods and material for containment and cleaning up:

Dispose of the material collected according to regulations.

### 6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7 - Handling and storage

### 7.1 Precautions for safe handling:

No special measures required. · Information about fire - and explosion protection: No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities:

Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Further information about storage conditions: None.

### 7.3 Specific end use(s):

No further relevant information available.

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**8 - Exposure controls/personal protection**

Additional information to national classifications:  
 ORRChim, 814.81 (National classification Switzerland)  
 7440-47-3 chromium metal (bioavailable): Toxic (S)  
 Additional information about design of technical facilities: No further data; see item 7.

**8.1. Control parameters**

Ingredients with limit values that require monitoring at the workplace:	
<b>7440-66-6 Zinc</b>	
SUVA (Switzerland)	VME 3 mg/m <sup>3</sup> VLE 3 mg/m <sup>3</sup>
Ingredients with limit values that require monitoring at the workplace:	
<b>7440-47-3 chromium</b>	
SUVA (Switzerland)	VME 0.05mg/m <sup>3</sup> VLEP(8h) 0.5mg/m <sup>3</sup>
Ingredients with limit values that require monitoring at the workplace:	
<b>7439-96-5 manganese</b>	
SUVA (Switzerland)	VME 0.5mg/m <sup>3</sup>
Ingredients with limit values that require monitoring at the workplace:	
<b>7429-90-5 Aluminium</b>	
SUVA (Switzerland)	VME 3 mg/m <sup>3</sup> (B)
Ingredients with limit values that require monitoring at the workplace:	
<b>7440-21-3 Silicium</b>	
SUVA (Switzerland)	VME 3 mg/m <sup>3</sup>
Additional Occupational Exposure Limit Values for possible hazards during processing:	
<b>General dust limit (A-alveolar fraction, E-respirable fraction)</b>	
SUVA (Switzerland)	(A) 3mg/m <sup>3</sup> (E) 10mg/m <sup>3</sup>

**8.2. Exposure controls**

Personal protective equipment:  
 General protective and hygienic measures:  
 Wash hands before breaks and at the end of work.  
 Do not inhale dust / smoke / mist.  
 Respiratory protection:  
 Use a suitable industrial gas mask when work-place-limits are exceeded.  
 Protection of hands:  
 Protective gloves are recommended, depending upon how the semis are further processed.  
 Eye protection:  
 Protective goggles are recommended, depending upon how the semis are further processed.  
 Body protection:  
 Wear suitable protective clothing, depending upon how the semis are further processed.

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## 9 - Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Solid
Colour:	Grey
Odour:	Odourless
Odour threshold:	Not determined

Change in condition

Melting point/freezing point: 580-650 °C (Lit.)

Initial boiling point and boiling range: Undetermined.

Flash point: Not applicable.

Decomposition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

Density at 20 °C: 2,71 g/cm<sup>3</sup> (Lit.)

Solubility in / Miscibility with water: · Not soluble.

**9.2 Other information** No further relevant information available.

## 10 - Stability and reactivity

**10.1 Reactivity:** Not applicable.**10.2 Chemical stability:** Not applicable.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:**

No dangerous reactions known.

**10.4 Conditions to avoid:** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## 11 - Toxicological information

General information:

The solid product does not pose a health hazard if handled properly.

Effect on the skin: No effects

Effect on eyes: No effects

Sensitization: No effects

## 12 - Ecological information

**12.1 Toxicity**

Aquatic toxicity: No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.*Date of first publication: November 2018**Date of Last Revision: March 2020 Edition*

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**12.4 Mobility in soil:** No further relevant information available.  
 Additional ecological information  
 General notes: Semi-finished articles from aluminium and aluminium-alloy are not soluble in water.

**12.5 Results of PBT and vPvB assessment**  
 PBT: Not applicable to metals. · vPvB: Not applicable to metals.

**12.6 Other adverse effects:** No further relevant information available.

**13 - Disposal considerations**

**13.1 Waste treatment methods**  
 Recommendation: Contact manufacturer for recycling information.

Waste disposal key:  
 12 01 03: non-ferrous metal filings and turnings  
 16 01 18: non-ferrous metal for non-contaminated waste

**14 - Transport information**

<b>14.1 UN-Number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA · Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable
<b>14.6 Special precautions for user:</b>	Not applicable
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable

**15 - Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 Chemical safety assessment: void.  
 Directive 2012/18/EU  
 Named dangerous substances - ANNEX I None of the ingredients is listed.  
 Waterhazard class: Generally not hazardous for water.  
 Other regulations, limitations and prohibitive regulations.

Substances of very high concern (SVHC) according to REACH, Article 57	
7440-47-3	Chromium

**16 - Other information**

This information is based on our present. However, this shall not constitute a guarantee for any specific article features and shall not establish a legally valid contractual relationship.

*Date of first publication: November 2018*  
*Date of Last Revision: March 2020 Edition*