

Stone wool articles

Insulation products supplied by AIM are considered to be inert articles and as such are exempt from requirements under the REACH Regulation EC 1907/2006 to provide a Safety Data Sheet

1. Identification of the product and of the company / undertaking

1.1 Product Identifier

Product Name AIM – Stone wool

1.2 Relevant identified uses (and uses advised against)

Identified Uses Engineered insulation material supplied plain or faced for construction and industrial purposes

1.3 Details of the supplier

Supplier Acoustic & Insulation Manufacturing Ltd
 Address Unit H3, Sussex Manor Business Park, Gatwick Road, Crawley, West Sussex, RH10 9NH
 Telephone +44 (0) 1293 582 400
 Facsimile +44 (0) 1293 552 690
 email sales@aimlimited.co.uk
 Web www.aimlimited.co.uk

1.4 Emergency telephone number

+44 (0) 1293 552 400 office hours (08:00 – 16:30 Mon-Fri)

2. Hazards Identification

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

Item is considered an inert article and therefore excluded from classification

2.1.3 Additional Information

Manufactured article of stone wool

2.2 Label elements

No labelling obligation for this article under EU regulation

2.3 Other Hazards

Dry working may give rise to particulates
 When heated for the first time to @ 200 °C the binder and decomposition products thereof may occur which in enclosed spaces at high concentration may irritate the eyes and respiratory system

3. Composition

Substance name	CAS No.	EC No. / REACH Registration No	% w/w	Classification EC 1272/2008	Hazard Pictogram
Stone wool ¹	*	926-099-9 01-211-947-2313-XXXX	95 - 100	Not classified	None

¹ Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and meeting the requirements of Note Q of EU Directive 97/69/EEC.

4. First aid measures

4.1 Description of first aid measures

general Dust exposure symptoms
 inhalation If coughing, discomfort or obstruction occurs due to inhalation of dust seek medical advice
 skin contact Wipe material from skin. Wash off with soap and plenty of water
 eye contact Immediately flush with plenty of water. After initial flushing, remove contact lenses where present and continue flushing for at least 15 minutes. If eye irritation persists consult a specialist
 ingestion Wash out mouth with water, do not induce vomiting
 protection No special measures identified

4.2 Most important symptoms and effects, both acute and delayed

general Product is considered relatively benign
 inhalation Irritation of the airway from fine particles generated by mechanical working and handling
 skin contact Mechanical effect of fibres in skin contact can cause temporary itching
 eye contact May be irritation and redness

ingestion May be irritation of the throat

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire fighting measures

5.1 Extinguishing media

Suitable Water spray, foam, CO₂, Dry Powder

Unsuitable No specific information available

5.2 Special hazards

Un-faced products are non-combustible. Some facings e.g. Kraft paper will burn

5.3 Advice for fire fighters

Wear self-contained breathing apparatus

6. Accidental Release Measures

6.1 Personal Precautions

Refer to Section 8 for personal protection details

6.2 Environmental Precautions

Do not flush into surface water or sanitary sewer system

6.3 Methods and material for containment and cleaning up

Large pieces should be collected. Dusts should be removed using a high efficiency (HEPA) filter vacuum.

Do not blow down with compressed air. Damp down area with water if dry sweeping is to be used

6.4 Reference to other sections

For personal protection see section 8.

7. Handling & Storage

7.1 Precautions for safe handling

Wear suitable PPE to reduce contact with fibres – see Section 8

7.2 Conditions for safe storage, including any incompatibilities

Keep dry in a cool well ventilated area.

Keep packaging away from any ignition sources such as open flame, cutting and welding torches and forms of direct radiant heat

7.3 Specific end use(s)

Insulation material for construction and industrial application

8. Exposure controls / personal protection

8.1 Control parameters for workplace

Component	Identifier (CAS/EC)	State	WEL 8h TWA (mg/m ³)	WEL 8h TWA (ppm)	STEL 15m (mg/m ³)	STEL 15m (ppm)
MMMF (machine made mineral fibre)	*	*	5*	*	*	*

* and 2 fibres per millilitre


8.2 Exposure controls


Engineering Controls


Handling and working of the material has the potential to generate fine particles.

Where practicable on tool extraction should be used connected to a high efficiency (HEPA) vacuum extraction. Apply positive ventilation in confined spaces if dust becomes prevalent

Personal Protective Equipment

Eye  Safety glasses or goggles EN 166

Hand  Gloves EN 388 – suitable for tooling or other materials being used

Skin and body  Long sleeved work clothing, long trousers or disposable coverall

RPE  Dust mask FFP3

Environmental Controls

No special environmental precautions required

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Solid grey-green
Melting point >1000 °C

9.2 Other information

No CFC/HFC – Zero Ozone Depleting Potential (odp)

10. Stability & Reactivity

10.1 Reactivity

None under foreseeable anticipated conditions of use

10.2 Chemical Stability

The product is chemically inert

10.3 Possibility of hazardous reactions

None under foreseeable anticipated conditions of use

10.4 Conditions to avoid

No information available – see Section 7

10.5 Incompatible materials

No information available

10.6 Hazardous decomposition products

When insulation wool is heated to approximately 200 °C for the first time release of binder components and binder decomposition products occurs. The fumes can be detected by their acrid odour and in high concentrations of these gases may irritate the eyes and respiratory system.

11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
Not Classified	*	*	*	*	*	*

12. Ecological information

12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
Not classified	*	*	*	*	*

12.2 Persistence and degradability

Inert, not degradable

12.3 Bioaccumulative potential

No indication of bio-accumulation potential

12.4 Mobility in soil

No indication of mobility in soil

12.5 Results of PBT and vPvB assessment

This article does not meet the PBT/vPvB criteria of REACH annex XIII

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / packaging disposal

Cardboard boxes and the product itself can be readily recycled

13.1.2 Waste treatment – relevant information

The product is considered non-hazardous but must be disposed of in accordance with national / local regulations

13.1.3 Sewage disposal – relevant information

Avoid entry in to sewers and watercourses

13.1.4 Other disposal recommendations

EWC 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

14. Transport information

UN No. Not classified for transport

15. Regulatory information

15.1 Safety, health and environmental regulations / legislation

REACH candidate SVHC list None of the substances are listed
REACH Annex XIV – authorisation None of the substances are listed

REACH Annex XVII – restriction None of the substances are listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment is required for this article

16. Other information

Pictogram(s)	No pictograms listed requiring explanation
Hazards	No statements listed requiring explanation
Precautions	No statements listed requiring explanation

Previous version	Not Applicable
Changes to previous version	Not Applicable

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