

Issued: 01.06.2015

Revision: V1.0

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Trade name: **THERMAX fire protection board**

01. Identification of the substance/ mixture and of the company/ undertaking

- 01.1. Product identifier:** **THERMAX A;SN** Fire Protection Board
THERMAX SL Fire Protection Board
THERMAX SN Fire Protection Board
- 01.2. Relevant identified uses of the product and uses advised against:** Industrial uses: Uses as construction board with fire protection requirements.
- 01.3. Details of the supplier of the safety data sheet:**
- Manufacturer/ Supplier:** Mineralka d.o.o. Niederlassug Austria
Nordlandstraße 1, A-3300 Amstetten
Austria
- Contact for technical information:** Application engineering
phone: +43-7472-68566-0 or +49-201-87991-30
fax: +43-7472-68566-20 or +49-201-87991-95
E-Mail: info@thermax.at or info@miprotec.de
- 01.4. Emergency telephone number:** --

02. Hazards identification

- 02.1. Classification of the product:**
- Classification acc. to Reg. (EC) 1272/2008:* This product is not classified as dangerous substance/ mixture according to Regulation (EC) 1272/2008.
- Classification system:* The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- 02.2. Label elements:**
- Classification acc. to Reg. (EC) 1272/2008:* The product is not classified and labeled according to the CLP regulation.
- Hazard pictograms:* No further relevant information available.
- Signal word:* None.
- 02.3. Other hazards:** Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

03. Composition/ information on ingredients

- 03.3. Product:**
- Chemical characterisation/ Description:* Iron-Aluminium-Magnesium-Silicate (Vermiculite-fire protection board)
- Dangerous components:* EC number: *603-518-0
CAS: 1318-00-9 Vermiculite
- Application:* Uses as construction board with fire protection requirements.

04. First aid measures

- 04.1. Description of first aid measures:**
- After skin contact:* No effect.
- After eye contact:* If dusty, rinse opened eye for several minutes under running water.

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	<i>After ingestion:</i>	No effect.
	<i>After inhalation:</i>	No effect.
04.2. Most important symptoms and effects, both acute and delayed:	No further relevant information available.	
04.3. Indication of any immediate medical attention and special treatment needed:	No further relevant information available.	

05. Firefighting measures

05.1. Extinguishing media:	The product is non combustible; the type of extinguishing media used for fire-fighting measures that suit the environment fire is not relevant.
05.2. Special hazards arising from the product:	No further relevant information available.
05.3. Advice for firefighters:	None.

06. Accidental release measures

06.1. Personal precautions, protective equipment and emergency procedures:	No special actions required.
06.2. Environmental precautions:	No special actions required.
06.3. Methods and material for containment and cleaning up:	Take up mechanically, remove accumulated dust with vacuum cleaner.
06.4. 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 information on disposal.

07. Handling and storage

07.1. Precautions for safe handling:	Compliance with the following general principles of occupational hygiene is recommended: <ul style="list-style-type: none"> - Wear loose-fitting, closed work clothing and suitable gloves. - Wear at excessive dust impact goggles and a dust mask. - Extract machining dust in principle. - Remove machining dust after work.
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Information about protection against explosions and fires:

The product is non combustible. No special measures required.

07.2. Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and containers:

No special requirements needed.

Information about storage in one common storage facility:

No special requirements needed.

Further information about storage conditions:

Protect from frost; store dry

07.3. Specific end use(s)	No further relevant information available.
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08. Exposure controls/ personal protection

08.1. Control parameters:

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Occupational exposure limit values:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

08.2. Exposure controls:

Appropriate engineering controls:

No further data; see Section 7.

Individual protection measures, such as personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered during processing.

Eye/ face protection:

See Section 7.

Skin protection:

Not mandatory.

Hand protection:

Not mandatory.

Body protection:

Not mandatory.

Respiratory protection:

See Section 7.

09. Physical and chemical properties

09.1. Information on basic physical and chemical properties:

Appearance:

Form: Solid; board
Colour: Beige.

Odour/ Odour threshold:

None.

pH-value at 20°C:

Not applicable.

Melting point/ Melting range:

> 1250 °C

Boiling point/ Boiling range:

Void.

Flash point:

None.

Ignition temperature:

Void.

Explosive properties:

Product is not explosive.

Vapour pressure at 20°C:

Entfällt.

Density:

350 to 980 kg/m³

Solubility in/ Miscibility with:

Not soluble.

Viscosity:

Entfällt.

09.2. Other information:

No further relevant information available.

10. Stability and reactivity

10.1. Reactivity:

None.

10.2. Chemical stability:

No thermal decomposition.

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

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11.1. Information on toxicological effects:

<i>Acute toxicity:</i>	No adverse effect on human health and the environment when dealing with the product known.
<i>Skin corrosion/ irritation:</i>	None.
<i>Eye damage/ irritation:</i>	None.
<i>Respiratory or skin sensitisation:</i>	No sensitizing effect known.
<i>Aspiration hazard:</i>	See Section 7.

12. Ecological information

12.1. Toxicity:	No further relevant information available.
12.2. Persistence and degradability:	No adverse effects on aquatic organisms known.
12.3. Bioaccumulative potential:	No adverse effects expected.
12.4. Mobility in soil:	No further relevant information available.
Additional ecological information:	None.
12.5. Results of PBT and vPvB assessment:	PBT: Not applicable. vPvB: Not applicable.
12.6. Other adverse effects:	No further relevant information available.

13. Disposal considerations

13.1. Waste treatment methods:

<i>Recommendation:</i>	No dangerous ingredients, ecologically harmless.
<i>Disposal consideration:</i>	Construction waste, containing no hazardous substances.
<i>European waste catalogue:</i>	The classification in the European waste catalogue must be done for the batch and for the process type.
<i>Recommendations about disposal of uncleaned packagings:</i>	Disposal must be done according to official regulations.

14. Transport information

14.1. UN number:	ADR, IMDG, IATA	Void.
14.2. UN proper shipping name:	ADR, IMDG, IATA	Void.
14.3. Transport hazard class(es):	ADR, IMDG, IATA	Void.
14.4. Packing group:	ADR, IMDG, IATA	Void.
14.5. Environmental hazards:	Not applicable.	
14.6. Special precautions for user:	Not applicable.	
14.7. Transport in bulk according to Annex II of MARPOL73/78 and IBC Code:	Not applicable.	
Transport/ Additional information:	Not dangerous according to the above specifications.	

15. Regulatory information

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15.1. Safety, health and environmental regulations/ legislations specific for the product:

EU regulations: No further relevant information available.
National regulations:
Germany Occupational Exposure Limits - TRGS 900
Water hazard class (VwVwS, from 27.07.2005): not hazardous to water.

15.2. Chemical safety assessment: A chemical safety assessment has not been carried out.

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes to the previous version: First version.

List of relevant hazard statements and/ or precautionary statements:

None.

End of safety data sheet