

EU Safety Data Sheet

Created / revised on 11.03.1998/12.08.1999/12.12.2002 Number of data sheet. EUS-001e
Date of printing 05.05.03 Page 1 of 4

Description **FIBRE-CEMENT FLAT SHEET FOR EXTERNAL WALL**

1. Material / Product and company description

Description Fibre-cement flat sheet SWISSPEARL®, NATURA, XPRESSIV® and CARAT®

Manufacturer's / Supplier's details

Manufacturer / Supplier Eternit AG
Country / Postcode / Location CH 8867 Niederurnen
Tel. (switchboard) +41 55 617 11 11
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E-mail cwr@eternit.ch

Contact persons for information
Emergency information Mr Christoph Weder
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2. Composition / Component details**Chemical characterization and/or dangerous components**

Description Hardened cement with intercalated cellulose and plastic fibres as well as mineral aggregates (non asbestos fibres)

Additional information Partially coated with acrylic dispersion paint

3. Possible dangers

Description of the danger not applicable

4. First Aid

General instructions No particular rules and regulations

5. Fire fighting measures

Suitable extinguishing medium The product itself does not burn. Fire number designation 6q.3. Adapt extinguishing measures to suit environmental fire conditions

Unsuitable extinguishing medium (safety reasons) None

6. Actions in the event of unintentional release

Personal precautionary actions No particular rules and regulations

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7. Handling and storage

Instructions for safe handling In accordance with the details in the technical product documentation.
 No particular requirements

8. Exposure restrictions and personal protective equipment

Additional instructions for the design of technical installations When machining, use min. dust-creating equipment
 (Dust extraction)

Components with workplace-related monitoring limits

Description	CAS No.	Type of limit	Value	Unit
Total dust	1305-78-8	MAK	-	mg/m ³

Notices derived from cement components

Personal protective equipment

General safety precautions No particular precautions required

Hand protection Working gloves

9. Physical and chemical properties

<i>Appearance / Form</i>	solid			
<i>Appearance / Colour</i>	grey or coloured			
<i>Odour</i>	none			
<i>Flash point</i>	n.a.			°C
<i>Ignition temperature</i>	n.a.			°C
<i>Combustible properties</i>	none			
<i>Lower explosion limit</i>	n.a.			
<i>Upper explosion limit</i>	n.a.			
<i>Vapour pressure</i>	n.a.	kPa	at	°C
<i>Density</i>	1.7.1.9	g/cm ³	at	20°C
<i>pH value</i>	11...12	g/l _{H2O}	at	25°C
<i>Viscosity</i>	n.a.		at	°C

Explanation n.b. not determined
 n.a. not applicable/usable
 ber. calculated

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10. Stability and Reactivity

Conditions to be avoided (Dangerous reactions) *No particular requirements*

Dangerous decomposition products *None*

11. Toxicological details

Practical experiences

Effects on humans *No specific danger to health*
Dust masks are recommended when processing with cutting equipment

12. Ecological details

Degradation capability *Is not degraded*
Mobility *Not applicable*

13. Disposal information

Product disposal

Recommendation *Construction material preparation or inert material disposal in accordance with TVA.*
Inert material quality

Waste material code (VVS code)	Description
27	Construction material - fibrous cement
28	Construction site

14. Transportation details

Land transportation ADR / RID / SDR / RSD

<i>Class</i>	<i>Number</i>	<i>Letter</i>	<i>Material No.</i>	<i>Description</i>
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Inland waterway transportation ADN / ADNR

<i>Class</i>	<i>Number</i>	<i>Letter</i>	<i>Category</i>	<i>Description</i>
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Ship transportation IMDG / VBGS

<i>Class</i>	<i>UN number</i>	<i>Packing group</i>	<i>Technical name</i>
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Transportation by air IACO-TI / IATA-DGR

<i>Class</i>	<i>UN/ID number</i>	<i>Packing group</i>	<i>Technical name</i>
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Other details*Further information**Not a hazardous product***15. Directives****Identification marking in accordance with EU directives / GV***According to EU directives / GV the product need not be marked.**Danger symbol**Dangerous goods marking is not applicable***16. Other information**

The information supplied is based on the current state of knowledge and experience. It is designed to describe our products with regard to safety precautions and therefore does not represent any guarantee with regard to certain properties and/or characteristics.

Data sheets prepared by

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