

**1/ IDENTIFICATION**

Product name:	EXTHA FIREMAT TL-P1
Product application:	Passive fire protection for road tunnels: high-temperature resistance panels (> 1300°C).
Supplier:	EXTHA <i>Marketing adress :</i> Route de LAVAL 53 210 SOULGE SUR OUETTE France tel +33 (0)2 43 98 59 85
Data sheet issued on:	22/10/04

2/ COMPOSITION / INFORMATION ON COMPONENTS

Dual-layer prefabricated panels.
Mineral composite containing silicates, siliceous fillers and specific additives.
No abestos.

3/ HAZARDS IDENTIFICATION

Main hazards:	The product components are not included in the hazardous substances defined in European directive 67/548/CEE. Generally, the product does not present a hazard.
Specific hazards:	Dust-related hazards are restricted to the panel cutting phase and require the usual protective measures (dust vacuum system, protective mask).

4/ EMERGENCY FIRST-AID

Inhalation:	Remove casualty from exposure, rinse throat with water and blow nose to remove dust.
Skin contact:	Wash affected area with soap and water. If an allergic reaction occurs, seek medical advice.
Eye contact:	Irrigate with copious amounts of clean water and seek medical advice if necessary.
Ingestion:	Seek medical advice if large quantities have been ingested.

**5/ FIRE-FIGHTING MEASURES**

None. Non-combustible product (A1).

6/ ACCIDENTAL RELEASE MEASURES

Personal protection: In the event of large amounts of dust, use the same personal protection equipment described in paragraph 8.

Environmental measures: No particular measures required.

Clean-up method: Vacuum system or washing recommended for dust.

7/ STORAGE, APPLICATION AND HANDLING MEASURES**MANIPULATION:**

Technical measures: No particular measures required.

Guidelines for use: None.

Précautions: Wear standard personal protection equipment when handling products (gloves, safety footwear, helmet).

STORAGE:

Technical measures: No particular measures required.

Recommended storage conditions: Store in a dry, ventilated, sheltered area.

Incompatible substances: None known.

Packaging materials: Packaged on wooden pallets with plastic covering.

8/ OCCUPATIONAL EXPOSURE CONTROL AND PERSONAL-PROTECTION EQUIPEMENT.

Respiratory protection: When cutting the product (in particular with an electric saw), take all necessary precautions to limit dust exposure (ventilated premises, dust vacuum system). A P2S respirator may be recommended.

Hand protection: Protective gloves may be recommended.

Eye protection: Use safety goggles for cutting.

**9/ PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Solid.
Shape:	Prefabricated panels of varying thickness (around 20 to 45mm) and dimensions (1,000 to 1,200mm by 600mm).
Colour:	Grey.
Odour:	Odourless.
pH:	Neutral.
Melting temperature:	None.
Density:	around 1000kg/m ³
Water solubility:	Very low.
Solvent solubility:	Very low.
Flash point:	Non-ignitable.

10/ STABILITY AND REACTIVITY

Stability: Refractory properties, acid and alkali stable.

Hazardous conditions of use: No particular conditions.

Hazardous decomposition products: None known.

11/ TOXICOLOGICAL INFORMATION**Dust inhalation during cutting :**

May cause irritation to throat and nose.

Reminder: the inhalation of any dust may cause nasal and respiratory irritation and lead to coughing sneezing and other transient conditions.

Eye contact: May cause transient irritation or inflammation in the event of contact with dust during cutting

12/ ECOLOGICAL INFORMATION

No known adverse effects. Product comprises natural mineral constituents.



13/ WASTE DISPOSAL CONSIDERATIONS

Residues: Scrap and cuttings from installation – inert mineral waste.

Packaging: Recyclable wooden pallets – plastic covering.
Compliant with local authority regulations.

14/ TRANSPORT INFORMATION

Non-hazardous product for transport purposes.

15/ REGULATORY INFORMATION

Labelling in accordance with European directives:

Classification: not classified.
Safety: no information provided.
Specific hazards: no information provided.

16/ OTHER INFORMATION

None.