

## Safety Data Sheet

## Promat TD Board®

<b>1. PRODUCT AND COMPANY IDENTIFICATION</b>	
<b>Identification of substance/material:</b> Insulation material consisting stone wool based mineral fibres [man-made vitreous (silicate) fibres]	<b>Company: Promat UK Limited</b> The Sterling Centre, Eastern Road, Bracknell, Berkshire RG12 2TD Telephone: 01344 381400 Fax: 01344 381401

**2. HAZARD IDENTIFICATION**

**2.1 Classification of the product:** Classification according to Regulation (EC) No 1272/2008 (CLP).

The product does not meet the criteria for classification in any hazard class according to CLP Regulation No (EC) 1272/2008 on classification, labelling and packaging.

**2.2 Label elements:** Classification according to Regulation (EC) No 1272/2008 (CLP). No labelling applicable.

**2.3 Other hazards:** Other hazards not contributing to the classification. For the installed product in its final application, no hazards known. Fibres may cause transient skin irritation and high dust levels irritate eyes and throat.

**3. COMPOSITION**

**Man-made vitreous (silicate) fibres**

**CAS No:** 287922-11-6

**4. FIRST AID MEASURES**

**Eye Contact:** Flush eyes immediately with water or physiological saline for at least 15 minutes. Do not rub eyes. Remove any contact lenses and open eye widely. If irritation continues, seek medical advice.

**Skin Contact:** Wash the skin thoroughly with running cold water and mild soap. If irritation continues, seek medical advice.

**Ingestion:** Flush mouth thoroughly and drink plenty of water.

**Binder Gases:** If eye or respiratory irritation occurs, leave source of contamination and get fresh air. If irritation continues, seek medical advice.

**Information:** Show this document (SDS) to the doctor or the casualty department.

**5. FIRE FIGHTING MEASURES**

The product is non-combustible and does not pose a fire hazard. Pinking may occur at high temperatures. Some facings and packaging materials may burn.

**Suitable extinguishing media:** Water, foam, carbon dioxide or dry powder.

**Fire Precautions:** No special precautions required.

**Fire Fighting Equipment:** Not applicable.

**Hazardous Decomposition Products:**

Non-combustible. Small quantity of carbon monoxide, carbon dioxide and trace gases.

**6. ACCIDENTAL RELEASE MEASURES**

**No special measures required**

**Spillage:** Refer to handling procedure.

**7. HANDLING AND STORAGE**

**Handling:** Unpack material at application site to avoid unnecessary handling of product. Keep work areas clean. Dispose of scrap materials and debris in suitable containers. Spray water before sweeping or use vacuum equipment.

**Storage:** Keep material on original packaging until it is to be used. Store material to protect against damage including the weather.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Respiratory protection**

**Fibres:** Workplace exposure limit (WEL) 5mg/m<sup>3</sup>, 8 hour time weighted average gravimetric measures. If the WEL is likely to be exceeded (for example when using high speed cutting tools or when working in confined spaces) disposable face masks complying with BS EN149 FFP 1 or FFP2 should be used for most applications.

**Initial heating up:** 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 high concentration of these gases may irritate the eyes and respiratory system. In general, decomposition products from pyrolysis or burning of organic material can cause respiratory sensitisation.

**Skin protection:** It is good practice to avoid skin contact; wear protective gloves and overalls. Change clothes and bathe on completing work.

**Eye protection:** Safety glasses suitable for dust protection.

Promat TD Board®

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid, green-brown
<b>pH:</b>	7-9
<b>Melting Point (°C):</b>	>1000°C
<b>Boiling Point (°C):</b>	N/A
<b>Flash Point (°C):</b>	N/A
<b>Flammability:</b>	N/A
<b>Autoignition:</b>	Non-combustible
<b>Explosive Limits:</b>	N/A
<b>Oxidising properties:</b>	N/A
<b>Water Solubility:</b>	N/A
<b>Fat Solubility:</b>	N/A
<b>Odour:</b>	Odeourless
<b>Additional Information:</b>	N/A

N/A = Not Applicable

## 10. STABILITY AND REACTIVITY

Stable and inert. Thermal decomposition products: When insulation wool is heated to approximately 200°C for the first time binder components and decomposition gases are emitted from the binder. The decomposition starts at approximately 200°C and the duration of release depends on thickness of insulation, binder content and temperature applied.

## 11. TOXICOLOGICAL INFORMATION

### **Carcinogenic, mutagenic and reproductive toxic effects:**

None. Human epidemiological studies show no link between exposure to mineral wool fibres and lung disease or any other chronic effects. Owing to their high bio-solubility, the fibre types of Promat TD Board® fibres are assessed as free from suspicion of carcinogenic effects in accordance with EU directive 97/69/EC (Note Q). In October 2001, the International Agency for Research on Cancer ("IARC", part of the World Health Organisation) reviewed its 1987 classification of mineral wool fibres and removed them from its list of possible carcinogens, reflecting the increase in scientific knowledge and the established safety of mineral wool for workers and building occupiers. IARC scientists gave mineral wool insulation, formerly Group 2B (possibly carcinogenic to humans), a Group 3 classification (unclassifiable as to its carcinogenicity in humans).

**Other observations:** In the case of coarser fibres, there can be physical effects on skin, upper respiratory system (mucous membranes) and eyes that can cause temporary, self-fading effects (e.g itching). No chemical effects ensue.

## 12. ECOLOGICAL INFORMATION

Stable product with no known adverse environmental effects.

## 13. DISPOSAL CONSIDERATIONS

No special precautions. Promat TD Board® is not classified as special waste under the Special Waste Regulations.

## 14. TRANSPORT INFORMATION

No special requirements.

## 15. REGULATORY INFORMATION

EC Classification: The product contains Mineral Fibres [Man-made vitreous (silicate) fibres].

Risk Phrases R38 - Irritating to skin. Safety Phrases - Wear suitable protective clothing and gloves (S36/37).

Promat TD Board® is exonerated from classification as a carcinogen according to Note Q in EU Directive 97/69/EC.

Exposure Limits: Recommended workplace exposure limit (WEL) 5mg/m<sup>3</sup>, 8 hour time weighted average gravimetric measure.

## 16. OTHER INFORMATION

Health and Safety Executive Guidance Note EH40/2005 – Workplace Exposure Limits.

This information reflects typical values and is not a product specification. No warranty expressed or implied is hereby made. This safety data sheet does not constitute an assessment of workplace risk.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.



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