

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING.

1.1 PRODUCT NAMES: TRICAST POLYURETHANE FOAM (all grades)
TANCAST POLYURETHANE FOAM (all grades)
MHD POLYURETHANE FOAM (all grades)

1.2 USES OF THE PRODUCTS

Insulation, modelling, shape forming.

USES ADVISED AGAINST:- None known

1.3 DETAILS OF THE SUPPLIER

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2. HAZARDS IDENTIFICATION

No identified hazard, no labelling required according to Regulations (EC) Nos. 1907/2006 or 1272/2008

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product description: Polyurethane or polyurethane/polyisocyanurate cellular foam.

4. FIRST AID MEASURES

Not applicable to product itself; in respect of dust generated from product:-

Inhalation: Remove patient from exposure, keep warm and at rest. Obtain medical attention, treatment is symptomatic.

Skin Contact: Possible reaction in persons with sensitised skin, wash off, treatment is symptomatic.

Eye Contact: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention if irritation persists.

On Ingestion: Immediately rinse mouth and then drink plenty of water, do not induce vomiting.

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5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: water, dry extinguishing media, foam, carbon dioxide (CO₂).

5.2 Special hazards arising the substance: carbon dioxide (CO₂), carbon monoxide (CO) nitrogen oxides, hydrogen cyanide can be given off in a fire.

5.3 Advice for fire-fighters: Special protective equipment: Wear self-contained breathing apparatus and protective suit. Fire/explosion fumes should not be inhaled.
Collect separately contaminated extinguishing water, do not allow to reach sewerage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: If significant dust is generated wear gloves, eye and respiratory protection.

6.2 Environmental precautions: Not applicable.

7. HANDLING AND STORAGE

7.1 Handling: No special precautions

7.2 Storage: Store foam in limited quantities, in a location free from any ignition hazard and preferably protected by a sprinkler system. Do not stack more than 8ft high. Provide adequate aisle space for access between stacks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

PNEC – the obligation to register according to REACH Regulation (EC) No. 1907/2006 does not apply to polymers.

DNEL - the obligation to register according to REACH Regulation (EC) No. 1907/2006 does not apply to polymers.

8.2 Exposure controls

Wear suitable gloves, eye and respiratory protection if significant dust generated. Where concentration of 5mg/m³ or more of dust is unavoidable, suitable dust masks must be worn.

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9. 9.1 PHYSICAL AND CHEMICAL PROPERTIES

Form:	Cellular solid
Odour threshold:	Not applicable
pH value:	Not applicable
Melting point:	Not applicable
Boiling Point:	Not applicable
Flash Point:	Not applicable.
Colour:	Various
Density:	28-650kg/m ³
Ignition temperature	>150°C

10. STABILITY AND REACTIVITY

10.1 Hazardous Reactions: None in normal use

10.2 Chemical stability: The product is stable if stored as recommended.

11. TOXICOLOGICAL INFORMATION

This health hazard assessment is based on a consideration of the composition and physical nature of this product.

Inhalation: Not applicable

Acute toxicity: Not applicable

Additional information: The product has not been tested. The statements are based on known characteristics of polyurethane and polyurethane/polyisocyanurate foam.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data, extremely unlikely.

Mobility: Not soluble in water, therefore effects on groundwater unlikely.

Persistence and Degradation: Degrades extremely slowly in ultra violet light.

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13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation. The generation of waste should be avoided or minimised wherever possible. If this is not possible, material can be sent to land fill. The 1991 Environmental Protection (Duty of Care) Regulations SI No 2839 and amendments should be noted.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations, no UN number.

15. REGULATORY INFORMATION

15.1: Labelling according to EC Directives; No label required.

National legislation/regulations:

This product is not classified under the 1993 Chemicals (Hazard Information and Packaging) Regulations, SI No 1746.

15.2: Chemical safety assessment: the obligation to register according to REACH Regulation (EC) No. 1907/2006 does not apply to polymers.

16 OTHER INFORMATION

The information herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

Tancast, Tricast and MHD polyurethane foams do not contain any of the ten materials listed in the RoHS regulations.

If you have any queries relating to this Safety Data Sheet please contact the following e-mail address - technical@tridentfoams.co.uk.