



Product and Company Identification

Product Name: Ecodek®
Manufacturer: Vannplastic Ltd
Viscount House, River Lane, Saltney, Flintshire. CH4 8RH.
Issue Date: 12/01/2008

Composition / Information on Ingredients

Ingredient Name	Contents
Wood fibres	55%
Polyethylene	45%

Hazards Identification

Under normal conditions and usage, the product is non-hazardous. The product does however contain wood dust fibres. Certain wood dust fibres are considered hazardous if the airborne concentration exceeds the standard occupational exposure limits for extended periods. Exposure to such fibres is considered insignificant with this product due to the fact that the wood dust is encapsulated within the polymer matrix.

First Aid Measures

Inhalation: Unlikely inhalation hazard.
Ingestion: No adverse effects likely.
Skin: Non-hazardous.
Eyes: Flush eyes with water until clear. If irritation continues, seek medical advice.

Fire Fighting Measures

Flash Point: Greater than 350° Centigrade.
Extinguishing Media: Powder. Dry chemicals (sand, dolomite etc). Water spray (fog or mist). Carbon dioxide.

Special Fire Fighting Procedures

Dense smoke emitted when burning with low oxygen levels. Possible dust explosion if in a large enough quantity. Use breathing equipment if in enclosed area. Treat as a wood fire.

Accidental Release Measures

If spilt, sweep up material and discard. No special land fill procedures required, dispose of in accordance with local regulations.

Personal Protective Equipment Measures

Any machining operations must be done in a well ventilated area. Use dust mask rated to BS EN149 if OEL likely to be exceeded otherwise. Wear safety glasses or visor when carrying out any machining operations.

Handling and Storage

Keep away from heat, sparks, open flame and strong oxidising agents. Do not stack improperly. Ecodek® is heavier than normal wood, take care when lifting.

Physical Appearance and Odour

Slight hardwood odour.
Solubility in water: Insoluble.
Melting point: 180° - 220° Centigrade.
Percent Volatile: Negligible.

Reactivity Stability

Material is stable.
Conditions to avoid: Heat and flame, ignition sources.
Materials to avoid: Strong oxidising agents.
Under combustion conditions, the following products may be generated: Carbon dioxide, carbon monoxide, water vapour, trace VOC's, formic acid, acetic acid.

Toxicological Information

No OEL or MEL specified for this product.
Use wood dust as a worse case guide – OEL5mg/m³ – 8 hour time weighted average.
(See HSE guidance note EH40 for more information.)

Transport Information

This material is not regulated by the DOT.