

Durakerb

safety data sheet (COSHH)



1. Identification of the substance

- A reprocessed HMPE blowing grade/heavy duty LDPE film grade with HDPE injection grade reinforced with coupling agent and pigment loading

2. Identification of Company

- Durakerb Limited
Old House, Gorse Lane, Coleshill,
Birmingham B46 1JU

3. Composition/Information of Material

- Both Components are widely used in varied applications

4. Hazards identification

- There are no known hazards associated with the solid products, although fine particles released on cutting may cause irritation to the eyes and respiratory tract. Polyethylene is chemically stable at normal temperatures. Whilst some materials used in manufacture may themselves present a hazard, the finished product is chemically stable and no longer constitutes a chemical hazard.

5. Manual handling

- The standard HB2 weight is 4.5kg

6. First aid measures

- Eye Contact: - Rinse with clean water to remove particles. Seek Medical advice
- Skin Contact:- Wash with soap and water. Burns caused by molten material require hospital treatment
- Ingestion:- Wash out mouth with water. Obtain medical attention

7. Fire Fighting measures

- Polyethylene is combustible, but burns slowly. In a fire it will melt and falling droplets may propagate the fire.
- **Extinguishing media:**- In the early stages of a fire avoid the use of water jets as this may propagate the fire. For minor fires use carbon dioxide (CO₂) or powder, water. For more extensive fires: foam, water (mist) to cool, CO₂ or dry powder. If possible remove plastic from the seat of the fire.
- **Exposure Hazards Complete Combustion**
With access to oxygen forms: carbon dioxide (CO₂) and water vapour. Partial combustion, forms also: Carbon Monoxide (CO), soot and cracked products, aldehydes, ketones, hydrocarbons and volatile fatty acids.

Protective equipment for fire fighters: - wear suitable breathing equipment, in case of exposure to vapours or fumes.

8. Accidental release measures

- Not applicable:- Finished product.

9. Handling and storage

- The product should be palletised to avoid handling apart from the actual laying operation.

10. Exposure control/Personnel protection

- Gaseous products of degradation can be given off if the product is overheated. Avoid inhalation
- Hand Protection:- **Gloves**
- During Cutting:- **Mask and Goggles**

11. Physical and Chemical Properties

- Appearance:- Finished Product
- Odour/Taste:- **None**
- Melting Point:- > **150-170°C**
- Decomposition:- **300- 325°C**
- Ignition Temperature:- > **360°C**
- Solubility:- Insoluble in water

CONTACT INFORMATION

Durakerb Sales: 08700 552686
Email: technical@durakerb.com
info@durakerb.com
sales@durakerb.com
Website: www.durakerb.com

Durakerb Group is the trading name of Durakerb Limited



Made from recycled material.

The Durakerb Group

Old House, Gorse Lane, Coleshill, Birmingham B46 1JU
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Email: info@durakerb.com Web: www.durakerb.com

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12. Stability and Reactivity

- Polyethylene products are completely stable in normal use
- Hazardous Decomposition:- Fire or High Temperature creates : Varsity of gases and vapours, Water, Aldehydes (Acrolein) Carbon Monoxide (CO) Carbon Dioxide (CO₂)

13. Toxicological Information

- In our experience and information available to us, the product is not harmful to health provided it is correctly handled and processed
- Cutting:- **No Data**

14. Ecological Information

- Behaviour:- There is no risk to the environment from the use of this product. The product has not been tested due to its consistency and its low water solubility. Bio- availability is unlikely.

15. Disposal Issue

- Waste product comes within the scope of the Environmental Protection (Duty of care) Regulations 1991 (SI 1991/2839 as amended SI 1996/972)
- Recycling of the product is available contact:- **Durakerb on 0151 641 6808**

16. Safe Handling of any residue/waste product

- Recycle contact:- **Durakerb on 0151 641 6808**

17. Relative Density

- HDPE .95 / .97 Gcc
- LDPE .92 / .94 Gcc

18. Transport Information

- Avoid Double Handling

19. Regulatory Information

- Supply label information:- **Not Classified**

20. Training Advice

- Available in the form of instruction and method statement
- Wear and use of HDPE/LDPE

21. Source of Data

- Tarmac Central
- Colormatrix Europe
- Polypipe Group

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