

MATERIAL SAFETY DATA SHEET

DO NOT USE THIS PRODUCT UNTIL YOU HAVE READ THIS INFORMATION

MSDS prepared by:

BOSTD (Qingdao) Geosynthetics Company
Qingda Industrial Zone, Qingdao
Shandong Province, PR China

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Tel: +86 532 7807777

1: General Information:

Product description: Integral Geogrids

Trade Name: E'GRID

Constituent Materials: Polypropylene or High Density Polyethylene: >97%
Carbon Black : <3%
Proprietary Stabilisers : <1%

Melting Point: Polypropylene: >150°C, High Density Polyethylene: >110°C

HMIS Ratings : Health 1, Fire 1, Reactivity 0, PPE B

2: Hazardous Ingredients:

This material below its melting point is not considered to be a hazardous material according to US OSHA definitions or a controlled substance according to Canadian WHMIS regulations.

OSHA PEL/TWA or ACGIH TLV: Not Applicable

3: Hazards Identification/Potential Effects:

Cut edges of the product may be sharp and may cause lacerations to unprotected skin or eyes. Cut pieces small enough to ingest may be sharp and cause internal lacerations if ingested.

When laid in the ground the products may be slippery to smooth-soled footwear.

4: First Aid Procedures:

External Lacerations: Clean and cover and seek medical aid to prevent infection.

Ingestion: seek medical aid.

5: Fire and Explosion Hazard Data:

Flash Point: >300°C

Flammable Limits: LEL/UEL: not applicable

Extinguishing Media: Water Fog, Carbon Dioxide, Regular Foam, Dry Chemical

Do not use Water Jet

When forced to burn, these products will decompose and emit toxic fumes containing Carbon Dioxide and Carbon Monoxide. Fire-fighters and others who may be exposed to the fumes should wear full protective clothing and self contained breathing apparatus.

6: Accidental Release Measures:

Rolls of product may be heavy. Use lifting devices for moving.

No environmental threat is expected from release

7: Handling and Storage:

Storage: Store away from oxidising materials. Avoid prolonged exposure to direct sunlight.

Handling: Use lifting devices as necessary. If product is molten, avoid contact with skin or eyes

8: Personal Protection:

Safety glasses and suitable gloves to prevent laceration should be worn.

9: Physical and Chemical:

Integral black grids wound into coreless rolls. Not soluble in or affected by water or other fluids normally found on construction sites

10: Stability and Reactivity:

These products are highly stable, but keep away from sparks, flames and strong oxidising agents.

11: Toxicological Information:

No toxic or carcinogenic effects are known from these products

12: Ecological Information:

These product are not expected to be hazardous to the environment

13: Disposal Considerations:

Disposal: Surplus or scrap materials should be recycled or disposed according to current regulations.

RCRA Hazard Class: Do not contain RCRA regulated materials

14: Transport:

DOT Classification: Non-hazardous

Note: The information and recommendations contained in this publication have been compiled from sources believed to be reliable and to represent the best current opinion on the subject at the time of publication. Since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the recommendations will be adequate for all individuals or situations. Each user of the products described herein should determine the suitability of the described products for his particular purpose and should comply with all federal and state rules and regulations concerning the described products.