

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Polypropylene Nonwoven Geotextile Emergency Tel. No. +966 14 324 6241

Manufacturer/ Distributor Bonar Natpet Geosynthetics
Address P.O Box 32202, Yanbu 41912
Kingdom of Saudi Arabia Date Prepared: April 5, 2015

SECTION 2 COMPOSITION AND INGREDIENTS INFORMATION

<u>COMPOSITION</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>PERCENT</u>
Polypropylene Fibers	9003-07-0	N/A	N/A	>95
Minor Additives	Mixture	N/A	N/A	<5

This product is not hazardous under OSHA Hazard Communication (29 CFR 1910.1200). **The Bonar Natpet geotextiles are 100% Chlorine free**

SECTION 3 HAZARDOUS IDENTIFICATION

Health - 0 Fire - 1 Reactivity - 0
(HMIS/NFPA Hazard Rating: Least - 0, Slight – 1, Moderate – 2, High – 3, Extreme - 4)
Health Hazards: Acute - Not applicable Chronic - Not applicable

SECTION 4 FIRST AID MEASURES

Eye Contact: Flush eyes with water if irritation occurs.
Skin Contact: Not ordinarily required.
Inhalation: Not ordinarily required.
Ingestion: Not ordinarily required.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point: Greater than 315 Deg. C (600 Deg. F)
Auto Ignition Temperature: Greater than 550 Deg. C (1022 Deg. F)
Fire and Explosion Hazard: Material will not burn unless preheated. Overheated
Or molten material may burn slowly with dense smoke.
Avoid inhalation of vapors.
Extinguishing Media: Dry Chemical, CO2, Foam, Water Fog

SECTION 6 ACCIDENTAL RELEASE MEASURES

Containment Techniques	Practice reasonable care and caution when handling product.
Clean up procedures	Practice reasonable care and caution during clean up and Dispose of material in accordance with local regulations.
Other Emergency Advice	Avoid inhalation of vapors if material is burning. Store away From oxidizing materials.

SECTION 7 HANDLING AND STORAGE

Storage	Store away from oxidizing materials in a cool, dry place with adequate ventilation.
Handling	No special handling required when product is at room temperature. If product is molten avoid contact with eyes or skin.

SECTION 8 EXPOSURE CONTROLS AND CHEMICAL PROTECTION

Eye Protection:	Not normally required unless physical contact with Eyes is likely, or if exposed to molten product.
Hand Protection:	Not required unless exposed to heated or molten product.
Protective Clothing:	None specified for normal use. Avoid contact with burning or molten product.
Engineering Controls:	Not required for normal use.
Work & Hygiene Practices:	None required for normal use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Needled nonwoven Fabric/Solid
Color	Black
Odor	Essentially Odorless
PH	N/A
Melting Point	328 F (164 C)
Solubility in Water	Insoluble
Specific Gravity	0.905
Vapor Density	N/A
Boiling Point	N/A
Water Retention	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	N/A
Incompatibility	(Measures to Avoid) Strong oxidizing agents.
Hazardous Decomposition Products	(from burning, heating, or reaction to other materials) Carbon Dioxide, Carbon Monoxide
Hazardous Polarization	Will not occur.
Conditions to avoid	N/A

SECTION 11 TOXICOLOGICAL INFORMATION

Eye Effects	Not toxic
Skin Effects	Not toxic
Target Organs	None
Carcinogenicity	Carbon black is classified as a Group 2B possible human carcinogen. When encapsulated in a plastic matrix, risk of exposure is minimized.
Mutagenitive and Reproductive Effects	Not considered to be a hazard

SECTION 12 ECOLOGICAL INFORMATION

Environmental Data	Not expected to be hazardous to the environment in present form.
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SECTION 13 DISPOSAL CONSIDERATIONS

Disposal	Spent material should be recycled or disposed according to current regulations.
RCRA Hazard Class	Does not contain RCRA regulated materials.

SECTION 14 TRANSPORT INFORMATION

DOT Classification	Non-hazardous
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SECTION 15 REGULATORY INFORMATION

DOT PROPER Shipping Name	Not regulated.
OSHA Hazard Communication	Not regulated.
SARA Status	Not regulated.
TSCA Status	All components of this product are listed on the TSCA inventory

SECTION 16 OTHER INFORMATION

The information contained herein is believed to be correct and was obtained from sources believed by Bonar Natpet Geosynthetics. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained here.