



Anjon Manufacturing Material Safety Data Sheet

Revised: 1/31/2011

SECTION 1: PRODUCT IDENTIFICATION

Product Name: UnderGuard Underlayment

Chemical Name / Synonym: Polypropylene nonwoven fabric, UnderGuard Geo, Nonwoven Geo, Pond Underlayment, Pond Geo

Chemical Family: Mixture

24-Hour Emergency Phone: (800) 553-5605

Manufacturer's Name: Phoenix Anjon Building Products, Incorporated

Manufacturer's Address: 1000 Liberty Industrial Drive, O'Fallon, MO 63366

NFPA Hazard Rating: Health 0, Flammability 1, Reactivity 0, Special Hazards 0

WHMIS Hazard Rating: Not Regulated – Manufactured Article

SECTION 2: CHEMICAL COMPOSITION

Chemical Name: Nonhazardous per 29 CFR 1910.1200

Component Name: Polypropylene

CAS #: 9003-07-0

Component Name: Carbon Black

CAS #: 1333-86-4

Exposure Limits: None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: None

Signs and Symptoms of Exposure: No known adverse effects.

Medical Conditions Aggravated by Exposure: Sensitive individuals may exhibit eye, nose, throat or dermal irritation with prolonged exposure to processing fumes or vapors.

Chronic Effects: No known adverse effects.

Carcinogenicity: None

SECTION 4: FIRST AID MEASURES

First Aid Procedures: Eyes – Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin – If molten material comes in contact with skin, cool under ice water or a running stream of water. Do not attempt to remove the material from the skin as this may result in severe tissue damage. Seek medical attention immediately.

Inhalation – Remove person to fresh air if fumes are inhaled from burning product. Seek medical attention if symptoms persist.



Anjon Manufacturing Material Safety Data Sheet

Revised: 1/31/2011

Ingestion – May cause gastrointestinal blockage. If swallowed seek medical attention immediately.

SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media: Water spray, carbon dioxide, foam, sand/earth, or dry chemicals.

Hazardous Combustion

Products: Carbon dioxide and carbon monoxide, oxides of nitrogen, sulfur dioxide, partially burned carbon.

Recommended Fire Fighting Procedures:

Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.

Unusual Fire and Explosion Hazards:

Oil 'bleeds' from material when burning.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Not applicable.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case

Material is Released or Spilled: Not Applicable

Precautions to Be Taken in

Handling and Storing: Use safe handling practices to avoid physical injury.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Store and use in well ventilated areas.

Respiratory Protection: None required.

Eye Protection: None required.

Skin Protection: None required.

Other: None.

Work / Hygienic Practices: Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Black or grey with typical polyethylene odor.

Flash Point: Not Applicable

Lower Explosive Limit: None

Method Used: Not Applicable

Upper Explosive Limit: None

Evaporation Rate: Not Applicable

Boiling Point: None

pH (undiluted product): Not Applicable



Anjon Manufacturing Material Safety Data Sheet

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Melting Point:	90 – 135 °C
Solubility in Water:	Insoluble
Specific Gravity:	.895 - .965
Vapor Density:	Not Applicable
Percent Volatile:	Unknown
Vapor Pressure:	Not Applicable
Flash Point	Greater than 300 °C

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Hazardous Decomposition:	Hydrocarbon oxidation products – oxides of carbon – hydrocarbons – aldehydes – oligomers – smoke – acrid fumes
Conditions to Avoid:	Heat, sparks, open flames, high temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information:	Carbon Black is classified as a Group 2B possible human carcinogen. When encapsulated in a plastic matrix, risk or exposure is minimized.
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SECTION 12: ECOLOGICAL INFORMATION

Ecological Information:	Carbon Black is classified as a Group 2B possible human carcinogen. When encapsulated in a plastic matrix, risk or exposure is minimized.
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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Considerations:	Dispose of with all applicable local and national regulations.
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SECTION 14: TRANSPORTATION

Regulatory Agency:	Not Regulated
Proper Shipping Name:	Not Applicable
Hazard Classification:	Not Applicable
Identification Number:	Not Applicable
Labels Required:	Not Applicable
Other Requirements:	Not Applicable

SECTION 11: MISCELLANEOUS INFORMATION

Additional Comments:	This product is considered to be a finished article as per 29 CFR 1910.1200 (C) and is, therefore, exempt from the requirements of the Hazard Communication standard.
Telephone Number for additional information:	(636) 300-8165



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