

**TENSAR CORPORATION, LLC**  
**1210 Citizens Parkway**  
**Morrow, Georgia 30260**

**MATERIAL SAFETY DATA**

MSDS NO. 1042/08-11  
DATE: August 28, 2011

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**PRODUCT IDENTIFICATION**

DESCRIPTION:

**TENSAR<sup>(R)</sup> GEOGRIDS  
UX1100MSE**

CHEMICAL FAMILY:  
MOLECULAR FORMULA:

Polyethylene  
{CH<sub>2</sub> CH<sub>2</sub>}<sub>n</sub>

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**HAZARDOUS INGREDIENTS**

COMPOSITION:

Polyethylene ~97%  
Carbon Black ~2.5%  
Miscellaneous Additives ~0.5%  
(Antioxidants, UV Stabilizers)

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**HEALTH HAZARD INFORMATION**

Product is categorized as non-toxic.  
No OSHA/PEL or ACGIH/TLV has been established.

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**SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN  
IN CASE MATERIAL IS  
RELEASED OR SPILLED:

Not Applicable

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**WASTE DISPOSAL**

Dispose of in an appropriate disposal facility in compliance with applicable regulations.

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**SPECIAL PRECAUTIONS**

HANDLING AND  
STORAGE/OTHER:

Treat as a solid which can burn.  
Polymer burns with a thick black smoke which may emit carbon monoxide or other organics. Store away from oxidizing materials with low combustion points such as corrugated boxes, paper, and thin films. When storing polymer grid outside, avoid accumulations of organic debris from leaves and grass that have low combustion points when dry.

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**EMERGENCY PHONE: Tensar at (770) 968-3255**

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**FIRE AND  
EXPLOSION**

FLASH POINT: Not Applicable  
FLAMMABLE LIMITS Not Applicable  
(% by vol.)  
AUTOIGNITION TEMP: 650 - 700° F  
FIRE FIGHTING: Use water fog, carbon dioxide, foam, and/or  
dry chemical to extinguish fires. Wear  
self-contained, positive pressure breathing  
apparatus and full fire- fighting protective  
clothing.

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**PHYSICAL  
PROPERTIES**

APPEARANCE AND ODOR: Black; no odor.  
BOILING POINT: Not Applicable  
MELTING POINT: 260° F  
VAPOR PRESSURE: Not Applicable  
% VOLATILE (by vol.): Not Applicable  
pH: Not Applicable  
SATURATION IN AIR  
(by vol.): Not Applicable  
EVAPORATION RATE: Not Applicable  
SOLUBILITY IN WATER: Insoluble

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**EXPOSURE  
CONTROL  
METHODS**

Respiratory protection and protective  
clothing are not normally required when  
handling these products. If the product is to be  
cut, use protective gloves.

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**W.S. Shelton, Vice President Process & Product Development**

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The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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