

TENSAR CORPORATION, LLC
1210 Citizens Parkway
Morrow, Georgia 30260

MATERIAL SAFETY DATA

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

PRODUCT IDENTIFICATION

DESCRIPTION:

**TENSAR^(R) GEOGRIDS
UX1000MSE**

CHEMICAL FAMILY:
MOLECULAR FORMULA:

Polyethylene
{CH₂ CH₂}_n

HAZARDOUS INGREDIENTS

COMPOSITION:

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

HEALTH HAZARD INFORMATION

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

SPILL OR LEAK PROCEDURES

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

Not Applicable

WASTE DISPOSAL

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

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.

EMERGENCY PHONE: Tensar at (770) 968-3255

**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.

**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

**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.

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

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.
