



**MANUFACTURER:**

**DATE PREPARED:**

Western Excelsior Corporation  
P.O. Box 659  
90 1 Grand Avenue  
Mancos, CO 81328  
(970-533-7412)

06/01/2011

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** EXCEL PP5-10

SYNTHETIC FIBER MATRIX, DOUBLE NET  
PERMANENT TURF REINFORCEMENT MAT

**CHEMICAL FAMILY:** CAS. NO. 8003-70-0 POLYETHYLENE & ORGANIC

**OSHA HAZARD:** NO

**DESCRIPTION:** MACHINE PRODUCED MAT OF SYNTHETIC FIBER  
WITH EXTRUDED POLYPROPYLENE NET ON TOP  
AND BOTTOM. NET STITCHED TO FIBER MATRIX  
WITH CONTINUOUS LINES OF POLYPROPYLENE  
AND/OR POLYESTER THREAD.

**CAUTION: MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS**

**PHYSICAL DATA**

**APPEARANCE & ODOR:** SYNTHETIC FIBER MATRIX, EXTRUDED PLASTIC  
MESH & POLYPROPYLENE AND/OR  
POLYETHYLENE THREAD. MILD ODOR

**SOLUBILITY IN WATER:** NEGLIGIBLE

**MELTING POINT:** 285 – 300 DEGREES F

**SPECIFIC GRAVITY:** VARIABLE (DEPENDANT ON MOISTURE  
CONTENT)

% VOLATILE BY VOLUME: N/A

PH: N/A

### **FIRE AND EXPLOSION DATA**

FLASH POINT: > 600 DEGREES F

AUTOIGNITION TEMPERATURE : > 400 - 500 DEGREES F

EXPLOSIVE LIMITS IN AIR: N/A

EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: SPRAY WITH WATER. WEAR SCBA AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN

UNUSUAL FIRE & EXPLOSION HAZARDS: STRONG TO SEVERE (if blanket comes in contact with ignition source)

### **REACTIVITY DATA**

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH OXIDIZING AGENTS, DRYING OILS, FLAME, TEMPERATLTRES OVER 400 DEGREES F

POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, & INORGANIC ACIDS.

### **HEALTH HAZARDS**

EXPOSURE LIMITS: N/A

EYE CONTACT: NO SPECIFIC HAZARD

SKIN CONTACT: MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

INGESTION: LOW HAZARD  
INHALATION: MAY CAUSE NASAL DRYNESS, IRRITATION AND OBSTRUCTION

### **EMERGENCY FIRST AID PROCEDURES**

INGESTION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION, IF DIFFICULTY IN BREATHING OCCURS  
EYE CONTACT: N/A  
EYE CONTACT: WASH WITH WATER, IF IRRITATION DEVELOPS GET MEDICAL ATTENTION  
SKIN CONTACT: IF BURNED BY CONTACT WITH MOLTEN MATERIAL, COOL QUICKLY AND GET MEDICAL ATTENTION

NOTE TO PHYSICIAN: BURNS SHOULD BE TREATED AS THERMAL BURNS. PLASTIC WILL COME OFF AS HEALING OCCURS.

### **SPILL AND LEAK PROCEDURES**

REMOVAL AND DISPOSAL CLEAN UP AND INCINERATE OR BURY ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS

### **SPECIAL PRECAUTIONS**

IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICES, HANDLE WITH CARE, AVOID CONTACT WITH OXIDIZING MATERIALS AND PROVIDE VENTILATION.

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. There is no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein.