

M A T E R I A L   S A F E T Y   D A T A   S H E E T

MSDS # MP24

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mPACT-4-SPORTS TOWEL & FABRIC

DISTRIBUTED BY:  
PIONEER MANUFACTURING CO  
4529 INDUSTRIAL PKWY  
CLEVELAND, OH 44135  
PHONE NUMBER: 800-877-1500

Phone Numbers:  
Information: 800-321-1976  
Emergency: 800-535-5053

PRODUCT NAME: mPACT-4-SPORTS TOWEL & FABRIC  
PRODUCT CODE: mPACT4STF

HMS CODES: H F R P  
1 0 0 B

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: mPACT ENVIRONMENTAL SOLUTIONS, LLC  
ADDRESS : P.O. BOX 1545  
400 SOUTH MAIN ST  
FOUNTAIN INN, SC 29644

**FOR CHEMICAL EMERGENCY**  
**Call INFOTRAC**  
**1-800-535-5053**  
**24 Hrs. per day, 7 days per week**

EMERGENCY PHONE : (864) 862-6688  
INFORMATION PHONE : (864) 862-6688

DATE REVISED: 04/11/2008  
PREPARED BY: EHS Department

SECTION 2 - HAZARDOUS INGREDIENTS/SARA or "ACTIVE" INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
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\*\*\* NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT \*\*\*

SECTION 3 - HAZARDS IDENTIFICATION

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive or prolonged inhalation of fumes or mists may cause adverse effects including mental impairment.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Causes pain, reddening and swelling of the conjunctiva.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation similar to a rash with localized edema, reddening, and raised lesions.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May be harmful or fatal if swallowed.

HEALTH HAZARDS (ACUTE AND CHRONIC)

This material does not meet the criteria for designation as an acute or delayed health hazard pursuant to the Occupational Health and Safety Act when used in a manner consistent with its labeling.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

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**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

There is no direct data available pertaining to aggravation of existing medical conditions by this product.

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**SECTION 4 - FIRST AID MEASURES**

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**EYES:**

Immediately flush eyes with plenty of cool, clean water for at least 15 minutes. Keep eyelids apart to maintain maximum contact with the water. Do not allow the individual to rub their eyes. Get immediate medical attention.

**SKIN:**

This material should not cause irritation. In people with an existing sensitivity to such products, a reddening of the skin may occur. If irritation persists, consult a doctor.

**INHALATION:**

Adverse effects are not expected when product is used in open areas. In the event a person has an existing sensitivity to products such as this, avoid using the product in enclosed areas where vapors may gather. If breathing becomes difficult or painful, consult a doctor.

**INGESTION:**

If victim is conscious and able to swallow, quickly have victim drink water to dilute. Do not give anything by mouth if victim is unconscious or is having convulsions. Induce vomiting only if advised to do so by a physician or poison control center. CONTACT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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**SECTION 5 - FIRE AND EXPLOSION HAZARD DATA**

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**FLASH POINT:** >212 Degrees F**METHOD USED:** Tag Closed CupN/A**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A**UPPER:** N/A**EXTINGUISHING MEDIA:**

Use water spray, dry chemicals, foam or carbon dioxide. Use water spray to keep fire-exposed containers cool. If a spill or leak has ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from a fire and to dilute spills to non-flammable mixtures. Do not flush into a storm drain or public sewer.

**SPECIAL FIREFIGHTING PROCEDURES**

Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus (SCBA) and

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proper personal protection clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

There are no known unusual fire or explosion hazards associated with this material in its virgin form. However, in a fire fighting scenario involving multiple chemicals, fire fighters should be aware of possible synergistic effects and attack the fire accordingly.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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

Simultaneously dike and contain as much material as possible. Begin containerization process as soon as practical. Rinse spill area with water after cleanup is complete and containerize all rinse water.

**Air Release:**

There is no air release associated with the normal use of this material.

**Water Release:**

This material is soluble/dispersible in water. Stop source of spill if safe to do so. Divert all flow and contain in a dike or trench. Remove and containerize or neutralize in place, then remove for proper disposal.

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**SECTION 7 - HANDLING & STORAGE**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store below 100 degrees F.

**OTHER PRECAUTIONS**

Eye wash and safety showers are recommended in the immediate work area. Check with your state OSHA to determine the need and maximum distance for stations to be placed in regards to possible chemical exposure.

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**SECTION 8 - CONTROL MEASURES**

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**RESPIRATORY PROTECTION**

In the course of normal use, consistent with the product's labeling, respiratory protection is not required. Care should be taken to avoid remaining in an enclosed area where a significant concentration of product mist or vapors are present.

**VENTILATION**

Normal ventilation has been found to be generally adequate.

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The end user must determine if the process or methods involved with the use of this material requires any additional or special ventilation.

**PROTECTIVE GLOVES**

Rubber, butyl, neoprene or plastic gloves should be worn when using this material to avoid skin contact.

**EYE PROTECTION**

Safety glasses with side shields are recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Not generally required under normal working conditions. The end user must determine if the process or methods involved require other personal protection clothing and/or equipment.

**WORK/HYGIENIC PRACTICES**

Do not eat, drink or smoke in areas where chemicals are being stored or handled. Wash thoroughly before handling food or beverages.

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**SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS**

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**BOILING POINT:** 212 F.**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.00  
TYPICAL**VAPOR DENSITY:** N/D**EVAPORATION RATE:** Equal to water.**pH:** 5.0**PERCENT VOLATILES:** N/D**SOLUBILITY IN WATER:** Completely soluble in water.**APPEARANCE AND ODOR:** Clear colorless liquid with mild odor.

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**SECTION 10 - REACTIVITY DATA**

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**STABILITY:** Stable under ordinary conditions of use and storage.**CONDITIONS TO AVOID**

Protect from freezing.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Thermal decomposition of this product during fire or very high heat conditions may evolve hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds; Nitrogen oxides; Silicon dioxide; Formaldehyde.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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Exposure Indices; TLV = Threshold Limit Value; PEL = Personal Exposure Limit; STEL = Short Term Exposure Limit; PNOC = Particulates Not Otherwise Classified; PNOR = Particulates Not Otherwise Regulated; < = Less than; > = Greater than.

Please Note: The Hazardous Material Identification System (HMIS), is a voluntary, subjective alpha-numeric symbolic system for recommending hazard risk and personal protection equipment information. It is a subjective rating system based on the evaluator's understanding of the chemical and associated risks. The end user must determine if the code is appropriate for their use.

The regulatory listings provided herein are not inclusive of all possible regulations affecting this material. It is the end-user's responsibility to determine all local, state, federal or international regulations/restrictions that may apply.

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**SECTION 17 - DISCLAIMER**

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.