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# Hightech alternative sa from stormtec emerger products

## The **Stormbag**



For use in Fresh Water only!!!

Lightweight and easy to c  
operation fast and efficien

The Stormbag requires minimal storage sp  
compared to traditional sandbags.

**NO SAND NEEDED**

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### Stormtec USA

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### Homeland Security

has accepted this bag in  
their program!!



Tested |  
and the

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WARRANTY INFORMATION ON  
STORMBAGS (WAP-01)  
BY STORMTEC

Specifications

Emergency flood control barrier gel-bags, for the rapid construction of protective walls to prevent water intrusion into houses, buildings and other facilities

Product Number : WAP-01

Description:

Flax burlap outer bag with cotton inner layer, with approx. four oz. water absorbing polymer inside.

Dry Dimensions	( Length x Width x Height)	23" x 14" x.5"	Weight 13 oz.
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Fully Hydrated with approx. five gallons water	23" x 14" x 6.5"	33 lbs.
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Contents: Water Absorbing Polymer (Bridged Polyacrylamide chloride)

Bags come fifty to a plastic lined cardboard carton (24"x'18"x 13") that weights 47 lbs. (dry).

Instructions for use:

Open carton taking care not to cut flax bags. Remove bags as needed. In case of settling of contents during shipment or storage, give each Stormbag a shake to evenly distribute the polymer rosin in bags. Submerge each bag in fresh water for four to five minutes in order to fully hydrate contents, or lay bags down in an overlapping pattern and hydrate with a low velocity fire hose until all bags are fully expanded.

Do not use seawater with the WAP-01 StormBag.

StormBags are for one time use only.

There is no return policy for the StormBags.

Use as you would standard sand bags. Be sure to stack the bags higher than the maximum expected water level. If fully hydrated, the StormBag will last (without rehydration) for approx. fourteen days (actual time will depend on local conditions).

Shipping and Storage of the StormBags:

StormBags are shipped normally by the pallet, with twenty five cartons to the pallet. Each carton is plastic lined to protect the fifty enclosed bags from extremes of humidity. If opened so that the bags are exposed to the atmosphere they should be stored indoors away from sunlight and in relative humidity of less than 80%.

Do not double stack pallets, or stack cartons over three high for extended periods.

StormBags, if left sealed in their carton and stored in a dry environment, will have a shelf life of ten years from the date printed on the carton.


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## Material Safety *Datasheet*

### IDENTIFICATION

Chemical Family                      Crosslinked Polyacrylamide

### HAZARDOUS INGREDIENTS

HMS Rating                              Not hazardous under OSHA 29CFR 1910, 1200  
 I  
 O  
 I  
 B

### FIRST AID

Skin    Wash with warm soapy water after use.  
 Eye contact                                  Immediately flush with water. If irritation continues, consult a physician.  
 Inhalation                                      If dust is present, do not breathe, Move to open air with fresh air.  
 Ingestion                                        Do not give medication unless specified by a physician.

### FIRE FIGHTING MEASURES

Flash Point                                    N/A  
 LEL    N/A  
 EUL    N/A  
 Extinguishing Media                        Use water, carbon dioxide, foam.  
 Special precautions                         Material is slippery when wet  
 Special protective equipment              None required

### ACCIDENTAL RELEASE

Spilled material is very slippery when wet. Do not initially flush with water. Sweep up spills and place in airtight container for disposal. Flush area thoroughly with water, scrub and remove any residue.

### HANDLING AND STORAGE

Storage                                         Store in a cool dry location. Keep from freezing.  
 Practice good industrial hygiene. Immediately sweep up and cleanup any spills. To avoid potential dust, maintain good house keeping. Do not smoke when using. Avoid contact with the skin.

### PERSONAL PROTECTION

Use NIOSH approved respirator if not properly ventilated and dust accumulation is more than 15mg/m<sup>3</sup>.  
 Protective gloves                              Recommended if prolonged use of product.  
 Eye Protection                                 Goggles with side shield.  
 Skin/Body Protection                        No special suits required, only if splashing is likely.  
 Other    Wash affected areas after use.

### PHYSICAL/CHEMICAL PROPERTIES

Appearance and colour                      White Granular  
 odor    None  
 pH    N/A

Melting Point	N/A
Flash Point	N/A
Vapor Density	N/A
Autoignition	N/A

**STABILITY**

Stability	Stable
Polymerization	Will not occur
Conditions to avoid	None
Incompatible Material	Strong oxidising agents.

**TOXICOLOGICAL**

Inhalation	Non toxic by inhalation
Dermal	Non Toxic
Oral	LD 50 Accute oral on rats 5.0gm/kg

**IRRITATION**

Eyes	Non irritating
Skin	Non irritating
Sensitization	Product not expected to be sensitizing
Ecololical	Considered as non toxic to aquatic environment
Disposal Regulations	Unused product: Dispose in accordance with city, state and federal
Regulatory	Components are on TSCA and Canada DSL. Considered non hazardous under 29 CFR1910 1200 Non applicable under SARA ...
Sensitization	Product not expected to be sensitizing

**TOXICOLOGICAL**

OTHER	NFPA
	Fire <b>1</b>
	Health <b>0</b>
	Reactivity <b>1</b>
	Special <b>-</b>

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