

# Marlen Textiles

## Safety Data Sheet

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### 1. Identification

<b>Product identifier</b>	Top Notch 7
<b>Generic name</b>	Solution dyed fabric
<b>Synonyms</b>	Water repellent fabric
<b>Recommended use</b>	Boat covers, awnings, tents, and canopies
<b>Recommended restrictions</b>	Use in accordance with manufacturer's recommendations.

#### Manufacturer/Supplier/Distributor information

Company name	Marlen Textiles
Address	500 Orchard Street New Haven, Missouri 63068
Telephone	(573)-237-4444 (Monday through Friday, 8AM to 4PM CST)
Website	www.marlentextiles.com
Emergency number	(573)-237-4444

### 2. Hazard(s) identification

OSHA defined hazards	Not classified
Label elements	
Labelling (GHS)	Not a hazardous substance or mixture
Hazard(s) not otherwise Classified (HNOC)	None known.

### 3. Composition/information on ingredients

#### Components

Fabric consists of 100% solution dyed polyester.

#### Mixtures

Chemical name	CAS number	%
Acrylic coating mixture	Proprietary mixture	0.5

#### Composition comments

Component(s) could be considered hazardous in pure form, none are significantly hazardous in the finished product due to dilution and encapsulation and pose no significant threat to human health or environment unless the product is ground into a powder form of breathable size and the dust inhaled.

When used for its intended purpose, this material is not classified as hazardous under Federal OSHA 29 CFR 1910.1200 regulations. This SDS contains valuable information critical to the safe handling and proper use of this product. The SDS should be retained and available for employees and other users of this product.

#### 4. First-aid measures

Inhalation	No special measures required.
Skin contact	Rinse area with warm water and soap.
Eye contact	Do not rub eyes. Flush eyes thoroughly with flowing water for a minimum of 15 minutes. If irritation persists, seek medical attention.
Ingestion	If swallowed, rinse mouth with plenty of water. Seek medical attention immediately.
Most important symptoms/ effects, acute and delayed	None known.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray.
<b>Unsuitable extinguishing</b>	None known
<b>Hazardous combustion</b>	None known

Specific hazards arising from Product, is flammable and will melt and/or burn when exposed to heat or the chemical open flame. When heated to decomposition, product emits irritating fumes. Do not inhale combustion gases.

Special protective equipment and precautions for firefighters	Fire fighters and others exposed to products of combustion should wear full fire turn out gear and self-contained breathing apparatus (pressure demand/NIOSH approved or equivalent). Exposure to combustion products may be hazard to health.
Fire-fighting equipment instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Water can be used to cool fire exposed fabric rolls.

#### 6. Accidental release measures

Personal precautions, observe all personal protection equipment recommendations in Section protective equipment and Remove all sources of ignition.

Methods and materials for Product presents no hazards for being contained. If fabric containment and cleaning up or fabric pieces become loose, sweep and scoop up appropriately.

**Environmental precautions** Product is not hazardous to environmental settings.

## 7. Handling and storage

**Precautions for safe handling** Handle in accordance with good industrial hygiene and safety practices. Use with adequate ventilation. Product may become slippery to walk on when wet. Charges of static electricity may be generated during handling and processing.

**Conditions for safe storage** Store under normal conditions, this material is not hazardous. Keep including incompatibilities away from moist environments. Prolonged exposure to heat and moisture, once dirt has attached itself to the fabric, may cause mold and mildew growth.

## 8. Exposure controls/personal protection

### Occupational exposure limits

Not classified based on available information.

### Biological occupational exposure limit values

Not classified based on available information.

**Appropriate engineering** Observe occupational exposure limits and minimize the risk of Exposure. Local and general ventilation are recommended for use indoors, especially in confined areas.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Use approved safety glasses as a minimum.

**Hand** Use good industrial hygiene practices by washing at mealtime and end of shifts. If repetitive contact is anticipated, such as sewing operations, protective gloves are recommended.

**Other** Appropriate work clothing is recommended.

**Respiratory protection** If engineering controls do not maintain airborne concentrations below recommended exposure limits or to an acceptable level an approved respirator must be worn. Follow OSHA respirator protection program requirements (OSHA 1910.134) for all respirator usage. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure.

**General hygiene** Observe good personal hygiene measures, such as washing after handling and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash.

**General information** These precautions are for extreme circumstances. This product is not a hazardous material.

## 9. Physical and chemical properties

Appearance

Physical state Solid

Color Various colors

Odor No objectionable odor

Odor threshold No data available

pH No data available

Melting point/freezing point >255-260°C/No data available

Initial boiling point and boiling range No data available

Flash point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	No data available
Flammability limit – upper (%)	No data available
Explosive limit – lower (%)	No data available
Explosive limit – upper (%)	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	Insoluble in water
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Solid
Other information	
Weight	7.0oz/yd <sup>2</sup>

## 10. Stability and reactivity

Reactivity	This product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Product is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, open flames, sparks or any source of ignition.
Incompatible materials	None known.
Hazardous decomposition products	None with proper storage and handling. Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: carbon oxides and traces of incompletely burned carbon compounds, hydrocarbons, and formaldehyde.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	No known hazards based on vapor inhalation. Not a respiratory sensitizer.
Ingestion	Ingestion may cause irritation and stomach discomfort.
Skin contact	Prolonged or repeated contact may cause irritation.
Eye contact	Direct contact may cause irritation.
Symptoms related to the physical, chemical and toxicological characteristics	None known

### Toxicological effects

<b>Acute toxicity</b>	Not classified based on available information.
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<b>Acute oral toxicity</b>	Based on available data acute toxic effects are not expected after single oral exposure.
<b>Acute inhalation toxicity</b>	Based on available data a sensitization reaction is not expected from this product.
<b>Skin corrosion/irritant</b>	Based on available data a clinically relevant skin irritation hazard is not expected, though an allergic reaction is possible in persons with preexisting conditions.
<b>Serious eye damage</b>	Based on available data a clinically relevant eye irritation hazard is not expected.
<b>Respiratory sensitization</b>	Based on available data a sensitization reaction is not expected from this product.
<b>Skin sensitization</b>	Based on available data a clinically relevant skin irritation hazard is not expected
<b>Germ cell mutagenicity</b>	Based on known data a significant mutagenic potential may be excluded.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen. IARC Monographs. Overall Evaluation of Carcinogenicity No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH. OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA. NTP Report on Carcinogens No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.
<b>Reproductive toxicity</b>	Not classified based on available information.

**Specific target organ toxicity** - Not classified based on available information.  
single exposure

**Specific target organ toxicity** - Not classified based on available information. repeated exposure

**Aspiration hazard** Based on the physical-chemical properties of the end product no aspiration hazard is expected.

## 12. Ecological information

### Ecotoxicity

**Toxicity to fish** No adverse effects expected. (Chronic toxicity)

**Toxicity to daphnia** No adverse effects expected.

**Persistence and degradability** No adverse effects expected.

**Bioaccumulative potential** No adverse effects expected.

**Mobility in soil** No adverse effects expected.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this product.

## 13. Disposal considerations

**Disposal instructions** This product has been evaluated for Resource Conservation and Recovery Act (RCRA) and does not meet the criteria of hazardous waste when discarded as received. Dispose in accordance with local regulations.

**Contaminated packaging** Not applicable to fabric packaging.

## 14. Transport information

International regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Domestic regulation

49 CFR

Not regulated as a dangerous good

## 15. Regulatory information

US State regulations

California Proposition 65

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. Other information

NFPA



0 = not significant, 1 = slight

2 = moderate, 3 = high

4 = extreme, \* = chronic

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