



## Monarflex Flamesafe Sheets Safety Data Sheet

### Section 1 - Product and Company Identification

**Supplier:**

Siplast, Inc.  
14911 Quorum Dr. Suite 600  
Dallas, Texas 75254

Telephone: 1-800-922-8800

CHEMTREC: North America 1-800-424-9300  
International: 1-800-527-3887

**Trade names:** MONARFLEX® Super T Plus Flamesafe, MONARFLEX® Scaffband Plus Flamesafe

**Use:** These reinforced scaffold sheeting are designed for use over scaffold or cable framework to provide jobsite protection.

### Section 2 - Hazards Identification

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product.

When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Siplast would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product.

This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

#### ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

**PRIMARY ROUTE OF EXPOSURE:** n/a

**SIGNS & SYMPTOMS OF EXPOSURE**

**INGESTION:** This product is not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

### Section 3 - Composition/Information on Ingredients

**General Product Description**

The products consist of a reinforcing net of polyester multifilament laminated to a blown film of LDPE and a coating layer of LDPE with flame retardant additives. Monarflex standard eyelets are made from LLDPE polyethylene and are included in the Super T Plus Flame smart product. A reinforcement band made of HDPE is included in the Scaffband Plus Flamesafe product. These product are composed by polyethylene - CAS No. 9002-88-4 - reinforced with PET polyester yarn – CAS No. 25038-59-9 - and an organic bromine compound and antimony trioxide – CAS No. 130964-4. Concentration of antimony is less than 4%.

It contains no substances classified as hazardous, in concentrations which should be taken into account according to OSHA.

### Section 4 - First Aid Measures

**First Aid: General Advice**

General information:

No special measures required

After inhalation:

In case of exposure to fumes released from heated material, remove person to fresh air and summon medical attention.

After skin contact: Harmless under normal conditions. Under combustion hot drips may drip and burn the skin. Flush skin with cold water and summon medical attention.

After eye contact: No effect

After ingestion: Unlikely

## Section 5 - Fire Fighting Measures

**Rate of Burning:** Not determined

### General Fire Hazards

There is no potential for spontaneous fire or explosion.

### Extinguishing Media

Use. Dry chemical. Carbon dioxide (CO2). Water spray (fog). Sand. Alcohol resistant foam.

### Fire Fighting Equipment/Instructions

No special procedures are expected to be necessary for this product. Normal firefighting procedures should be followed to avoid inhalation of smoke and gases. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6 - Accidental Release Measures

### Personal Precautions

Not applicable

### Environmental Precautions

Not applicable.

### Methods and Materials for Containment and Cleanup

Not applicable.

## Section 7 - Handling and Storage

### Handling Procedures

No special precautions regarding handling. Handle in accordance with good industrial hygiene and safety practices.

### Storage Procedures

Warehouse storage should be in accordance with package directions, if any. Store rolls in a non-heated and dry location and keep out of direct sunlight

## Section 8 - Exposure Controls / Personal Protection

### Exposure Guidelines

#### A: General Product Information

None required.

#### PERSONAL PROTECTIVE EQUIPMENT

##### Personal Protective Equipment: Eyes/Face

None required.

##### Personal Protective Equipment: Skin

None required.

##### Personal Protective Equipment: Respiratory

None required

## Section 9 - Physical & Chemical Properties

This product does not contain any volatile solvents and therefore there is no associated flashpoint. Ignition temperature > 572 °F. At temperatures above 572 °F, organic compounds like carbon monoxide, hydrocarbons, aldehydes and ketones are released. At temperatures above 752 °F, hydrogen bromide and antimony oxybromides are released.

## Section 10 - Stability & Reactivity Information

### Stability

Shows very low reactivity at ambient temperatures

### Chemical Stability

The product is chemically stable.

### Hazardous Decomposition

May form carbon dioxide and carbon monoxide, unknown hydrocarbons, and soot when combusted.

### Hazardous Polymerization

Will not occur.

## Section 11 - Toxicological Information

### Acute Toxicity

#### A: General Product Information

All component material are essentially non-volatile and of low toxicity. The major components can be regarded as essentially harmless under normal circumstances. Heating above 680 °F and combustion leads to formation of volatile antimony bromide, antimony oxybromine and hydrogen bromide. These compounds are toxic and corrosive.

#### B. Component Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA.

## Section 12 - Ecological Information

### Eco toxicity

#### General Product Information

Due to the chemical nature of the ingredients, the product is not ecotoxic and not readily biodegradable. Please note that unintended use of disposal (see section 16) may release harmful compounds to the environment.

## Section 13 - Disposal Considerations

#### A: General Product Information

This product is not expected to be a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Product characterization after use is recommended to ensure proper disposal under federal and/or state requirements.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

#### C. Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Incineration of a flame retardant sheeting should only be done under carefully controlled conditions with cleaning of the smoke gas – preferably by acid neutralization – and controlled disposal of the (toxic) gas cleaning residues

## Section 14 - Transport Information

### International Transport Regulations

These products are not classified as dangerous goods according to international transport regulations.

## Section 15 - Regulatory Information

### US Federal Regulations

No regulatory information.

### State Regulations

No regulatory information.

### International Regulations

No regulatory information.

## Section 16 - Other Information

### ADDITIONAL COMMENTS:

The flame retardant additives in the product are carefully selected for low migration and high purity. However, prolonged exposure to certain chemicals – which is an unintended use of the product – may lead to extraction of some of the additives.

### DATE OF PREVIOUS SDS:

10/2022

### CHANGES SINCE PREVIOUS SDS:

Change of product names.

This information relates to the specific material designated and may not be valid for such material used on 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, expressed or implied, 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 particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.