



# SAFETY DATA SHEET

Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
USA  
www.sikausa.com  
(201) 933-8800

2016  
Issue Date: 11-7-12

## Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

Product: Hydrotech® Flex-Flash F  
Chemical Family: Polyester Fabric

### Section 2 – Hazards Identification

#### **Emergency Overview**

None of the components in this material are considered hazardous.

#### **Route of Exposure-Skin**

Possible mechanical irritation.

#### **Route of Exposure-Eye**

Not expected to be a concern, given that this product is an inert solid.

#### **Route of Exposure-Ingestion**

Not Applicable

#### **Route of Exposure-Inhalation**

Not expected to be a concern, given that this product is an inert solid.

#### **HMIS Ratings**

Health: 0 Fire: 1 Reactivity: 0 Personal Protection: A

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic Hazard

### Section 3 - Composition

<b>CAS #</b>	<b>Component</b>	<b>Percent</b>
25038-59-9	Polyester	>85%
Mixture	Binder Resin	<15%
Mixture	Optical Brightener	<0.2%
63148-62-9	Polydimethylsiloxane	trace

**Component Information:** This product is not hazardous according to the criteria specified in 29CFR 1910.1200 (Hazard Communication Standard). This product is considered an article and does not require an SDS.



2016  
Issue Date: 11-7-12

## **Section 4 - First Aid Measures**

### **First Aid-Skin**

Wash affected area with soap and water.

### **First Aid-Eye**

Rinse eyes with water for at least 15 minutes. If irritation persists, contact a physician.

### **First Aid-Ingestion**

Not Applicable

### **First Aid-Inhalation**

Not Applicable

### **First Aid-Notes to Physician**

No health conditions aggravated by exposure are identified. Contact the poison control center if any problem occurs.

## **Section 5 - Fire Fighting Measures**

**Flash Point:** Not Applicable

**Method Used:** Not Applicable

**Auto Ignition:** Not Applicable

**Flammability Classification:** Not Applicable

**Lower Explosive Limit (%):** Not Applicable

**Upper Explosive Limit (%):** Not Applicable

### **General Fire Hazards**

Solid material may burn upon extended exposure to open flames.

### **Hazardous Combustion Products**

Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

### **Extinguishing Media**

Water spray, foam, carbon dioxide, or dry chemical

### **Fire Fighting Equipment/Instructions**

As in any fire, wear a self-contained breathing apparatus and full protective gear.

### **NFPA Ratings**

Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

## **Section 6 - Accidental Release Measures**

### **Containment Procedures**

Sweep waste fabric into a pile.

### **Clean -Up Procedures**

Sweep waste fabric into a waste container and recycle, incinerate or landfill in conformity with local disposal regulations.

### **Evacuation Procedures**

Not Applicable

### **Special Procedures**

None

## **Section 7 - Handling and Storage**

### **Handling Procedures**

Avoid exposure to heat, sparks or open flames.



2016  
Issue Date: 11-7-12

Use care in stacking and storing to avoid damage to product.

#### **Storage Procedures**

Store material in clean, cool and dry warehouse that is equipped with a sprinkler system.

Ensure product is not stacked too high.

Store product off the floor to prevent water damage.

Avoid direct exposure to UV light.

Avoid exposure to corrosive substances.

Limit exposure to petroleum powered engine exhaust.

### **Section 8 - Exposure Controls/Personal Protection**

#### **Component Exposure Limits**

Product is not considered to present an inhalation health hazard under reasonably anticipated conditions of use.

#### **Engineering Controls**

Normal room ventilation is usually adequate.

#### **Personal Protective Equipment**

##### **Personal Protective Equipment-Eyes/Face**

None usually required

##### **Personal Protective Equipment-Skin**

None usually required

##### **Personal Protective Equipment-Respiratory**

None usually required

##### **Personal Protective Equipment-General**

Follow individual plant safety rules.

### **Section 9 - Physical & Chemical Properties**

<b>Appearance:</b>	White Fabric	<b>Odor:</b>	Not Applicable
<b>Physical State:</b>	Solid	<b>pH:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Applicable	<b>Vapor Density:</b>	Not Applicable
<b>Boiling Point:</b>	Not Applicable	<b>Melting Point:</b>	>165°C
<b>Solubility (H<sub>2</sub>O):</b>	Negligible	<b>Specific Gravity:</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable	<b>Percent Volatiles:</b>	NIL
<b>Packing Density:</b>	Not Applicable		

### **Section 10 - Chemical Stability & Reactivity Information**

#### **Chemical Stability**

Stable under ordinary conditions of use and storage.

#### **Conditions to Avoid**

Combustible when exposed to open flames.

#### **Incompatibility**

None Known

#### **Hazardous Decomposition**

Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbon may be emitted upon decomposition.



2016  
Issue Date: 11-7-12

**Hazardous Polymerization**  
Will not occur.

## **Section 11 - Toxicological Information**

### **Acute and Chronic Toxicity**

#### **General Product Information**

No components of this product are known to be hazardous according to the criteria specified in 29CFR1910.1200 (Hazard Communication Standard).

#### **Component Analysis**

Component	CAS	LD50/LC50
Polyester	25038-59-9	None Available
Binder Resin	Mixture	None Available
Optical Brightener	Mixture	None Available
Polydimethylsiloxane	25038-59-9	Acute Oral LD50: Rat; >5,000mg/kg / Acute Dermal: Rabbit; >10,000 mg/kg (very low acute toxicity) / Acute Inhalation LC50: Rat; >535 mg/l (very low acute toxicity)

### **Carcinogenicity**

#### **General Product Information**

Product is considered non-hazardous.

#### **Epidemiology**

No information available.

#### **Neurotoxicity**

No information available.

#### **Mutagenicity**

No information available.

#### **Teratogenicity**

No information available.

#### **Other Toxicological Information**

Specific toxicity testing has not been performed on this product. Hazard evaluation is based on information from similar products, raw material data, and technical literature.

## **Section 12 - Ecological Information**

### **Ecotoxicity**

#### **General product Information**

No available information.

#### **Environmental Fate**

No available information.

## **Section 13 - Disposal Considerations**

### **US EPA Waste Number & Descriptions**

#### **General Product Information**

None identified.



2016  
Issue Date: 11-7-12

### **Component Waste Numbers**

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

### **Disposal Instructions**

Dispose of container and unused contents in accordance with federal, state and local requirements. Processing, use or contamination of this product may change the waste management options.

## **Section 14 - Transportation Information**

### **Transportation Regulations**

Product is not regulated for transportation.

## **Section 15 - Regulatory Information**

### **US Federal Regulations**

#### **General Product Information**

The composition of this material as supplied from Fiberweb meet the FDA requirements contained in 21CFR177.1630 for one or all of the listed subsections.

#### **Component Analysis**

Component	CAS #	SARA 302 (40CFR355 Appx A)	SARA 313 (40CFR372.65)	CERCLA (40CFR302.4)
Polyester	25038-59-9	No	No	No
Binder Resin	Mixture	No	No	No
Optical Brightener	Mixture	No	No	No
Polydimethylsiloxane	63148-62-9	No	No	No

### **State Regulations**

#### **General Product Information**

Other state regulations may apply. Check individual state requirements.

#### **Component Analysis-State**

The following components appear on one or more of the following state hazardous substances list:

Component	CAS	CA	FL	MA	MN	NJ	PA
Polyester	25038-59-9	No	No	No	No	No	No
Binder Resin	Mixture	No	No	NK	No	No	No
Optical Brightener	Mixture	No	NK	NK	NK	NK	NK
Polydimethylsiloxane	63148-62-9	No	No	No	No	No	No

NK = Not Known

#### **Component Analysis-WHMIS IDL**

No components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List.

### **Additional Regulatory Information**

#### **Component Analysis-Inventory**

Component	CAS	TSCA	DSL/NDSL	EINECS
Polyester	25038-59-9	Yes	Yes	Yes
Binder Resin	Mixture	Yes	Yes	Yes
Optical Brightener	Mixture	Yes	NK	NK
Polydimethylsiloxane	63148-62-9	Yes	Yes	NK

NK = Not Known





## **Section 16 - Other Information**

### **Other Information**

Material for this SDS was taken from SDS's for raw materials

### **SDS History**

Format revised 10/03; Typographical errors corrected 10/27/04; Corrections made to Section 9 2/23/05; Updated contact information 8/25/05; Updated information and changed name 12/12/06; Updated formatting 06/20/07; Change contact name 8/10/07; Updated wording 3/24/08; Updated information 6/9/09. Information updated 9/8/10. Updated logo 9-11-12. Updated formatting 11-7-12.

### **DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES**

The information in this document is believed to be correct as of the date issued.

HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.

This information and the product are furnished on the condition that the person receiving them shall make his or her own determination as to the suitability of the product for his particular purpose and on the condition that they assume the risk of his use thereof.

THIS PRODUCT IS CONSIDERED AN ARTICLE AND DOES NOT REQUIRE A SAFETY DATA SHEET (SDS).