

# Material Safety Data Sheet

## I PRODUCT IDENTIFICATION

**TRADE NAME:** FABRENE® WOVEN POLYOLEFIN FABRIC  
**MANUFACTURER:** Fabrene Inc.  
**SUPPLIER:** Fabrene Inc.  
**ADDRESS:** 240 Dupont Rd.  
 North Bay, Ontario P1B 9B4  
**TELEPHONE:** (705) 476-7057  
**FACSIMILE:** (705) 476-7787  
**E-MAIL:** [ttravis@pginw.com](mailto:ttravis@pginw.com)

## II HAZARDOUS INGREDIENTS

LEVELS	PRODUCT	
< 0.5%	All	crystalline Silica
0.1% - 2.5%	Browns	Ferric Oxide
12%-15%	Barrier	Ethylene/vinyl acetate copolymer
<1.5%	Flame Retardant	Antimony Trioxide
N/A	Flame Retardant	4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol
N/A	Flame Retardant	1,2-bis(tetrabromophthalimido)ethane

Note: All ingredients in Fabrene® woven polyolefin fabrics are bound within the polyolefin.  
 Fabrene® woven polyolefin fabrics are not hazardous under normal conditions.

## III PHYSICAL DATA

<b>BOILING POINT:</b>	°C	N/A
<b>MELTING POINT:</b>	°C	110 - 160
<b>MAXIMUM-USE TEMPERATURE:</b>	°C	PP 105-150; PE 80-100 (no load)
<b>VAPOUR PRESSURE:</b>		N/A
<b>VAPOUR DENSITY:</b>	kPa	
<b>SPECIFIC GRAVITY:</b>	air=1	N/A
<b>VOLATILES:</b>	g/cm <sup>3</sup>	0.90 - 0.95 (H <sub>2</sub> O=1)
<b>EVAPORATION RATE:</b>	vol. %	N/A
<b>SOLUBILITY IN WATER:</b>		N/A
<b>APPEARANCE:</b>	wt %	Insoluble
<b>ODOURS:</b>		Clear or pigmented woven fabric Odourless

## IV FIRE AND EXPLOSION DATA

<b>FLASH POINT:</b>	°C	Not Applicable, solid form
<b>AUTOIGNITION TEMPERATURE:</b>		
<b>FLAMMABLE LIMITS IN AIR:</b>	°C	PE 330 - 410
<b>EXTINGUISHING MEDIA:</b>	vol %	LEL: N/A UEL: N/A
<b>FIRE FIGHTING PROCEDURES:</b>		H <sub>2</sub> O, Dry Chemical, CO <sub>2</sub> Fabrene® woven polyolefin fabric is a combustible material. Avoid contact with dripping molten plastic. Self-contained breathing apparatus is recommended.
<b>FIRE &amp; EXPLOSIVE HAZARDS:</b>		None.

N/A = Not available

# Material Safety Data Sheet

## V SPECIAL PRECAUTIONS

**HANDLING & STORAGE:** Adequately restrain rolls to prevent shifting during handling and storage.

## VI HEALTH HAZARD DATA

**PERMISSIBLE EXPOSURE LIMIT(S):** N/A  
**ROUTES OF EXPOSURE:** N/A  
**OVEREXPOSURE EFFECTS:** N/A  
**EMERGENCY & FIRST AID PROCEDURES:** None Required

## VII REACTIVITY DATA

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Contact with strong oxidants, acids; temperatures above 260°C  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, Oxides of Nitrogen, Aldehydes and unidentified organic compounds may be formed upon combustion. Flame retardant grades may include hydrobromic acid, and Antimony Oxides. The nature and quantity of by-products formed upon combustion will vary under various conditions - temperature, available oxygen, the presence of other materials, and the nature of combustion (flame or carbonization).  
**HAZARDOUS POLYMERIZATION:** Will not occur

## VIII SPILL OR LEAK PROCEDURE

**IF MATERIAL IS RELEASED OR SPILLED:** No special procedure is required  
**NEUTRALIZING CHEMICALS:** N/A  
**WASTE DISPOSAL METHOD:** N/A

## IX SPECIAL PROTECTION INFORMATION

**VENTILATION:** Not required  
**CLOTHING & EQUIPMENT REQUIREMENTS:** Not required  
**RESPIRATION:** Not required  
**EYE PROTECTION:** Not required  
**HAND/ARM PROTECTION:** Not required

**NOTICE:** The information herein has been developed based upon current scientific data. It is intended for use by skilled persons at their own risk. FABRENE INC. does not assume responsibility for events resulting or damages incurred from its use. The information cited in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

**PREPARED BY:** Todd Travis      **TECHNICAL SERVICE REPRESENTATIVE**