

Material Safety Data Sheet

I PRODUCT IDENTIFICATION

TRADE NAME: FABRENE® WOVEN POLYOLEFIN FABRIC
MANUFACTURER: Fabrene Inc.
SUPPLIER: Fabrene Inc.
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 North Bay, Ontario P1B 9B4
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II HAZARDOUS INGREDIENTS

LEVELS	PRODUCT	
< 0.5%	All	crystalline Silica
N/A	Flame Retardant	Arsenic
< 4%	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

BOILING POINT: °C N/A
MELTING POINT: °C 110 - 160
MAXIMUM-USE TEMPERATURE: °C PE 80-100 (no load)
VAPOUR PRESSURE: kPa N/A
VAPOUR DENSITY: air=1 N/A
SPECIFIC GRAVITY: g/cm³ 0.90 - 0.95 (H₂O=1)
VOLATILES: vol. % N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: wt % Insoluble
APPEARANCE: Clear or pigmented woven fabric
ODOURS: Odourless

IV FIRE AND EXPLOSION DATA

FLASH POINT: °C Not Applicable, solid form
AUTOIGNITION TEMPERATURE: °C PE 330 - 410
FLAMMABLE LIMITS IN AIR: vol % LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: H₂O, Dry Chemical, CO₂
FIRE FIGHTING PROCEDURES: Fabrene® woven polyolefin fabric is a combustible material. Avoid contact with dripping molten plastic. Self-contained breathing apparatus is recommended.
FIRE & EXPLOSIVE HAZARDS: None.

N/A = Not available

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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, CO₂, 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**