

Material Safety Data Sheet

I PRODUCT IDENTIFICATION

TRADE NAME: R718 NON-WOVEN, MATRIX UL, FABRENE® UDL
MANUFACTURER: Fabrene Inc.
SUPPLIER: Fabrene Inc.
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 North Bay, Ontario P1B 9B4
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II HAZARDOUS INGREDIENTS

LEVELS	PRODUCT	
< 0.2%**	All	crystalline Silica
99%	All	1,2-bis(tetrabromophthalimido)ethane
1% or less	All	Propene Polymers
<1%**	All	Titanium Dioxide

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

III PHYSICAL DATA

BOILING POINT: °C N/A
MELTING POINT: °C 110 - 160
MAXIMUM-USE TEMPERATURE: °C PP 105-150 (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: wt % N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE: Blue Non-Woven Fabric Coated Grey on 2 sides
ODOURS: Odorless

IV FIRE AND EXPLOSION DATA

FLASH POINT: °C Not Applicable, solid form
AUTOIGNITION TEMPERATURE: °C 230 - 400
FLAMMABLE LIMITS IN AIR: vol % LEL: N/A UEL: N/A
EXTINGUISHING MEDIA:
FIRE FIGHTING PROCEDURES: H₂O, Dry Chemical, CO₂, Foam,
 R718 non-woven fabric is a combustible material.
 Avoid contact with dripping molten plastic. Self-
 contained breathing apparatus is recommended.
FIRE & EXPLOSIVE HAZARDS: None Known

N/A = Not available

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**V SPECIAL
PRECAUTIONS**

HANDLING & STORAGE: Adequately restrain rolls to prevent shifting during handling and storage.
Store below 60°C
Avoid sources of ignition
Avoid storage with strong oxidizers

**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 200°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). Trace amounts of methane, acetone, hydrocarbons.
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: S. Nappert **PRODUCT DEVELOPMENT ENGINEER**