



# MATERIAL SAFETY DATA SHEET

## THERMAKRAFT WATERGATE-PLUS

### 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

**PRODUCT NAME:** THERMAKRAFT WATERGATE-PLUS

**SUPPLIER:** Thermakraft Industries Australia Pty Ltd  
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Australia Australia  
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**TEL:** 0 3 9870 5880  
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### 2: COMPOSITION/INFORMATION ON INGREDIENTS

**COMPOSITION:** Coated non-woven polyolefin fabric  
This product is not classified as hazardous under normal use.

### 3: HEALTH AND PERSONAL PROTECTION DATA

**EYE CONTACT:** This product is an inert solid. Rinse immediately with plenty of water. If irritation persists, seek medical attention.

**SKIN CONTACT:** This product is an inert solid. In normal industrial use no skin protection is required. For skin contact with molten material, cool with water, seek medical attention

**INGESTION:** No hazard in normal use. In unlikely event that the film is ingested, do not induce vomiting without seeking medical attention.

**INHALATION:** No hazard in normal use.

**HYGIENIC WORK ROUTINES:** Wash hands at the end of work shift and before eating or smoking.

### 4: FIRE FEIGHTING MEASURES

**EXTINGUISHER MEDIA:** Foam, CO<sub>2</sub>, Dry Chemical, H<sub>2</sub>O

**SPECIAL FIRE FIGHTING PROCEDURE:** Wear self-contained breathing apparatus. Woven polyolefin fabric is a combustible material. Avoid contact with dripping molten plastic. Self-contained breathing apparatus is recommended.

**FLASH POINT:** > 300°C

**AUTO-IGATION TEMPERATURE:** °C Not applicable

**FIRE & EXPLOSIVE HAZARDS:** Dense smoke may be emitted when burned without sufficient oxygen. Fine dust particles from slitting could pose an explosion or flash fire hazard.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Nitrogen and carbon, hydrogen chloride, aldehydes and alcohols, acids, ketones and other toxic gases.

## 5: HANDLING AND STORAGE

**HANDLING:** This product is not classified as hazardous under normal use.

**STORAGE:** Adequately restrain rolls to prevent shifting during handling and storage. Product should be stored dry with no direct exposure to UV radiation (sunlight).

## 6: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT</b>	°C	N/A
<b>MELTING POINT</b>	°C	>96°C
<b>MAXIMUM-USE TEMPERATURE</b>	°C	0.880-1.00g/cc
<b>SPECIFIC GRAVITY</b>	g/cm <sub>3</sub>	0.90 – 0.94
<b>APPEARANCE:</b>		Coated pigmented non woven fabric
<b>SOLUBILITY:</b>		Insoluble in water

## 7: STABILITY AND REACTIVITY

**STABILITY:** Normally stable

**DECOMPOSITION:** >280°C

**CONDITIONS TO AVOID:** Contact with strong oxidizing agents, acids; temperatures > 300°C and open flames

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 8: ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:** Not regarded as dangerous for the environment.

**DEGRADABILITY:** Not biodegradable

**BIOACCUMULATION POTENTIAL:** The chemicals are bound in the polymer matrix and not readily available. No water hazard.

## 9: DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

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## 10: TRANSPORT INFORMATION

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**ROAD:**

**HAZARD CLASS:** Not classified for transport

**ROAD TRANSPORT NOTES:** Not classified for transport

**RAIL:**

**RAIL TRANSPORT NOTES:** Not classified for transport

**SEA/AIR:** Not classified for transport

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## 11: OTHER INFORMATION

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**NOTE:** This information herein has been based upon current scientific data. It is intended for use by skilled persons at their own risk. Thermakraft Industries Australia (Pty) Ltd 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.

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