



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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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, CO₂, Dry Chemical, H₂O

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

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

10: TRANSPORT INFORMATION

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

11: OTHER INFORMATION

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.

Revision Date: September 2011

Issue No: 1

Issued by: **Thermakraft Industries Australia Pty Ltd** 19 Elliot Place, Ringwood, Victoria 3134 Australia