

MATERIAL SAFETY DATA SHEET

PolyFoam Laminated with LDPE

Issue date: 12/February/2021

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME:
PO2-LD45

SUPPLIER NAME:
POLYCELL INTERNATIONAL PTY LTD.

ADDRESS:
32 Eurora Steet, Kingston
QLD 4114 Australia

EMERGENCY NUMBER:
+61 7 3290 2244

TELEPHONE
+61 7 3290 2244

FAX NUMBER:
+61 7 3290 2255

SECTION 2 - HAZARDS IDENTIFICATION SUMMARY

HAZARD CLASSICATION:

- Not classified as hazardous according to criteria of NOHSC (National Occupational Health & Safety Commission, Australia)
- Classification according to Directive 67/548/EEC: Not classified as a dangerous substance.

OTHER HAZARDS:

No significant hazard in normal industrial use conditions. Contact with melted/heated product may cause thermal burns

SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

COMPONENT	PERCENTAGE	CAS NUMBER
POLYETHYLENE	100%	9002-88-4

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove victim to fresh air. Keep the respiratory tract clear. Seek medical aid.

INGESTION:

Seek medical help.

SKIN:

Molten material will adhere to skin and cause burns. Cool material quickly with water and seek medical help.

EYE:

Flush with water to remove. For contact with molten material treat as for skin burns.

NOTE TO PHYSICIAN:

No specific antidote, treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

DANGER CHARACTERISTIC:

Combustible

DECOMPOSITION TEMPERATURE:

>250°C

HARMFUL COMBUSTION PRODUCTS:

CO, CO₂

EXTINGUISHING MEDIA:

Use foam, dry chemical, or water spray.

FIRE FIGHTING EQUIPMENT:

Self-contained breathing apparatus with full face piece.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL & DISPOSAL:

- Dampen down to prevent spread by wind.
- Shovel or sweep up material and dispose or recycle.
- Disposal of recovered material should conform to local regulations

SECTION 7 - HANDLING AND STORAGE

HANDLING:

- keep the reach out of children.
- Do not put the material in your head to prevent from suffocating

STORAGE:

- Keep in closed container when not in use.
- Keep away from fire, heat sources, moist.
- Store in a well ventilated dry place away from heat.
- Keep away from oxidizing agents
- Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:

No Exposure Limit Established

PERSONAL PROTECTIVE EQUIPMENT:

Wear protective clothes, rubber gloves.

ENGINEERING CONTROLS:

Good general ventilation is required under ordinary conditions of use.

MONITORING METHOD:

None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEREANCE:	clear ivory bubble film
ODOR:	Odorless
MELTING POINT:	100°C
BOILING POINT:	Not applicable
FLASH POINT:	Not applicable
EVAPORATION RATE:	Not applicable
FLAMMABILITY LIMITS:	Not applicable
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY:	Not applicable
DENSITY:	0.910 – 0.945 g/cm ³
SOLUABILITY:	Insoluble
AUTO-IGNITION TEMPERATURE:	350°C approx.
DECOMPOSITION TEMPERATURE:	>250°C

SECTION 10 - STABILITY AND REACTIVITY

PRODUCT REACTIVITY:

Non-reactive

CHEMICAL STABILITY:

Stable under normal conditions, however may decompose if heated.

COMBUSTIBILITY:

Fire can burn and not easy to ignite, after leaving the fire can continue to burn until melting, shrinking into droplets.

CONDITIONS TO AVOID:

Avoid high temperature, fire.

INCOMPATIBLE MATERIALS:

Strong oxidizer, peroxides

HAZARDOUS POLYMERIZATION:

Will not occurs

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION

- Polyethylene has been classified as Group 3 agent.
- Group 3 agent is not classifiable as to its carcinogenicity to humans. Data available is insufficient for assessment to be made. (IARC Monograph Sup.7, P.70, UK 1987)

INGESTION:

May cause choking if swallowed.

SKIN:

Low risk hazard. Thermal burns may result from exposure to hot material.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable Federal, state and local laws and regulations.

SECTION 14 - TRANSPORT INFORMATION

STORAGE AND TRANSPORT:	Not regulated
TRANSPORT HAZARD CLASS:	N/A
UN NUMBER:	N/A
DOT PACKING GROUP:	N/A

SECTION 15 - REGULATORY INFORMATION

REGULATORY INFORMATION:

No specific regulatory requirement

PACKAGING AND LABELING:

No Special requirements

SECTION 16 - OTHER INFORMATION

REVISED DATE:	1 st May, 2021
REFERENCE:	None
ISSUED BY:	Polycell International Pty. Ltd.

DISCLAIMER: The information presented herein is based on available data from reliable sources and is correct to the best of Polycell's knowledge. Polycell makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. It is user's responsibility to comply with relevant Federal, State, and Local Government Laws and the user is responsible for determining the suitability of the product for a specific purpose and for adopting any appropriate safety precautions.