



MATERIAL SAFETY DATA SHEET

Last Update April 2013

SECTION 1:

PRODUCT IDENTIFICATION.

NAME: **Polynum™** Thermal Reflective Insulation

DESCRIPTION: High Resistance Aluminum Foil / Multi Directional Re-enforced NET/
4.00mm or 8mm fire retardant PE single or double Bubbles XPE Foam/
High Resistance Aluminum Foil

SUPPLIER: Polynum C.L.P Insulation Ltd, or, an authorized distributor

EMERGENCY CONTACT: Phone: +66 818701604 (South East Asia emergency contact)

E-Mail: info@polynumint.com or, hananr@polynumint.com

LOCAL DISTRIBUTOR: Please refer to **Polynum™** distribution map.

SECTION 2:

HAZARDOUS INGREDIENTS.

THESE PRODUCTS ARE NOT CONSIDERED TO BE HAZARDOUS, AND ARE NOT CLASSIFIED AS 'CONTROLLED PRODUCTS'. THEY COMPRISE PRINCIPALLY OF POLYETHYLENE AND ALUMINUM FOIL THAT ARE NON HAZARDOUS.

SECTION 3:

PHYSICAL DATA.

BOILING POINT: NOT APPLICABLE

TEMPERATURE RANGE: -50°F to 203°F / -46°C to 95°C

MELTING POINT: (°C) 145°

WATER VAPOUR PERM: <0.01perms

APPEARANCE: FLEXIBLE FOIL FACED SHEET WITH/WITHOUT NET

ODOUR: NONE



SECTION 4:

FIRE & EXPLOSION DATA.

FLAME SPREAD:	Will not exceed 20 (ASTM E84-94)
SMOKE DENSITY:	Will not exceed 60 (ASTM E84-94)
IGNITABILITY:	0 (AS1530.3)
SPREAD OF FLAME:	0 (AS1530.3)
HEAT RELEASED:	0 (AS1530.3)
SMOKE DEVELOPMENT:	0 (AS1530.3)
*FLAMMABILITY INDEX	< 5 (AS 1530.2) *For Gold and Antiglare products only
SURFACE FLAME SPREAD:	1 (BS 476:Part 7)
**FIRE PROPOGATION:	0 (BS 476:Part 6) **For Fire Retardant products with 18 microns alum foil
***NON-DRIPPING PE:	PASS (SNPE-M1) ***For Fire Retardant products
LEANEAR SHRINKAGE:	NONE
DELAMINATION (WET):	Pass (Complies)
DELAMINATION (DRY)	Pass (Complies)
EXTINGUISHING MEDIA:	CO ² , DRY CHEMICAL, WATER OR FOAM
USUAL FIRE HAZARDS: BUBBLE BARRIER FOIL MATERIALS ARE NOT HIGHLY FLAMMABLE, BUT IN CONTACT WITH FLAME THEY WILL MELT AND BURN.	

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SECTION 5:

REACTIVITY DATA.

STABILITY:	PRODUCTS ARE STABLE AND INERT TO MOST CHEMICALS. NONE CAUSE A VIOLENT REACTION. INCOMPATIBILITY: CONSULT WITH MANUFACTURER PRIOR TO USING AS A CONTAINMENT OR BARRIER FOR CHEMICALS OTHER THAN WATER.
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SECTION 6: HEALTH & FOOD HAZARD DATA.

INHALATION:	NONE. EYES & SKIN:NONE.
INGESTION:	PRODUCTS SHOULD NOT BE EATEN
CONTACT WITH FOOD:	YES
COMPLY WITH:	FDA regulations: Title 21, Section 177.1520 FDA regulations: Title 21 CF, R 178.3910
FOOD MIGRATION TESTS:	"Migration Into Water": < 1 (mg/dm2) < 11(mg/kg) According to EEC Directives: Directive 85/572/EEC, No. L372/16: Annex List of Stimulants Directive 95/128/EEC, No. L75/21: No. L75/22 Directive 82/711

SECTION 7: SPECIAL PRECAUTION & HANDLING INFORMATION.

GENERALLY THE PRODUCTS REQUIRE NO SPECIAL PRECAUTIONS WHEN HANDLING. HOWEVER THE PRODUCTS MAY BECOME SLIPPERY WHEN WET, AND CARE SHOULD BE TAKEN WHEN WALKING ON THIS.

SECTION 8: FIRST AID MEASURES:

NOT APPLICABLE

GENERAL REMARK:

C.L.P. MANUFACTURE IS HACCP CERTIFIED MANUFACTURE ACCORDING TO DS3027/CODEX ALIMENTARIUS WHICH IS A BASIC CONDITION FOR FOOD RELATED MANUFACTURE PRODUCTS.

NOTE:

THE INFORMATION CONTAINED IN THIS SHEET IS DISCLOSED IN GOOD FAITH AND IS PROVIDED TO THE BEST KNOWLEDGE OF THE MANUFACTURER. NEVERTHELESS IT IS NOT A WARRANTY AND POLYNUM INSULATION C.L.P LTD. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED FROM THE USE OR INABILITY TO USE THE PRODUCT

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