



Bunzl Australasia  
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Issue Date: 30<sup>th</sup> March 2020

## **SPECIFICATION SHEET**

**Product Code:**

**BFPLBS912**

**Product Description:**

**BAG ZIP LOCK 305X230MM 40UM**

Product identification	:	Low density polythene
Information on ingredients	:	Approximately > 99% polythene & < 1% additive.

### Hazard identification

Corrosive material	:	No.
Explosive material	:	No.
Flammable material	:	It burns easily under fire.
Reactive material	:	No.
Toxic material	:	No.

### Fire fighting measures.

Suitable fire fighting agents	:	Water spray foam, carbon dioxide, dry chemicals.
Precautions to be observed	:	Dense smoke and hazardous gases (carbon monoxide and carbon Dioxide) will be emitted when burned without sufficient oxygen. Resin when melted will spread on floor and catch fire easily.
Protective clothing	:	Wear appropriate safety equipment for fire conditions (including Positive pressure self contained apparatus (SCBA) and protective Fire fighting garments.

### Handling and storage.

LDPE MS bags are non-hazardous and pose no health risk when handled under normal conditions. LDPE MS bags are to be stored away from heat or flames. Good housekeeping practice is recommended to prevent the accumulation of dust. Avoid contact with chlorinated solvents and other hot strong oxidants.

### Physical and chemical properties.

Odour	:	Odourless.
Boiling point	:	Not applicable.
Melting points / range	:	106 – 112C
Vapour pressure and density	:	Not applicable.
Specific gravity (H2 O≈1)	:	0.91 – 0.93

#### **Disclaimer:**

The information provided is based on the product's manufacturer and a copy of manufacturer's declaration is held on file. We have every reason to believe that the information provided is accurate and will be valid until revoked.





Physical and chemical properties cont.

Solubility in water	:	Not soluble.
Solubility in other liquid	:	Soluble in hot aromatic, chlorinated solvents.
Viscosity	:	Not applicable.
PH	:	Not applicable.
Flash point	:	Not applicable.
Flammability limits	:	Not applicable.
Autoignition temperature	:	Not applicable.

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Stability and reactivity

Stability	:	Stable.
Thermal decomposition temp.	:	> 300°C
Incompatible materials	:	Hot aromatic, chlorinated solvents and hot strong oxidants.
Conditions to avoid	:	Not applicable.
Hazardous decomposition product	:	Carbon monoxide and carbon dioxide may be generated.
Hazardous polymerisation	:	Will not occur.

Over exposure and toxicological information

LDPE MS bags do not emit vapors. If poorly stored accumulated dust may produce irritation to the mucous membrane of the nose, throat and upper respiratory tract. LDPE MS bags are essentially non-irritating but contact with molten resin can cause severe burns. LDPE MS bag are made from resins which are inert and harmless, ingestion must be avoided and choking can occur if swallowed.

Regulatory information.

FDA (Food and Drug Administration) compliant. Compliance codes : 177.1520, 178.3295, 182.3173, 181.24, 177.1010, 178.3570, 179.45, 175.105, 176.2600, 176.2010, 175.320, 177.1350 and 172.480.

All substances present in resin (Grade HT A001 HD) used to produce our LDPE MS bags are authorized without any restriction and comply with the EEC Directive 96/11/EC relating to Plastics Material and articles intended to come in direct contact.

The polythene resin used to produce our LDPE MS bags has been certified safe for food contact applications and complies with the following standards.

Belgium	:	Moniteur Beige, Arrete Royal du 25 Aout 1976, annexe 3 and subsequent modifications.
France	:	Repression des Fraudes No. 1227 11° edition, Arvil 1990 – Decret No. 73-138 of February 12, 1973 and subsequent modifications and additions.

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Regulatory information contin.

Germany	:	BGA, Empfehlung III, Polyethylen stand : 10.5.1995.
Italy	:	Decreto Ministeriale, March 21 <sup>st</sup> 1973 publised in the Gazzetta Ufficiale No. 104 of April 20 <sup>th</sup> 1973 and subsequent amendments.
Netherlands	:	“Warenwet” of 29 <sup>th</sup> August 1991 and subsequent modifications.
UK	:	Bibra, Code of Practice (1988).
USA	:	FDA code of Federal Regulations, Title 21, Chapter 1 177.1520 (1991).
EEC	:	Commission Directive 90/128/EEC of 1 <sup>st</sup> January 1991 and subsequent amendments.
Switzerland	:	Verordnung fur Gebrauchsgegenstande, 1 <sup>st</sup> March 1995.

Julie Butcher

Quality Assurance Manager

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