

Safety Data Sheet

1. Product and Company Identification

Product Name:	Linear Low Density Polyethylene Bag	
Product Use:	Plastic Bags or Box Liners for Food Contact	
Manufacturer:	PT Solindo Plastik Industri	Phone: (0271) 6882519
	Dusun Tundungan RT03/RW05	www.solindoplas.com
	Sroyo, Karanganyar 57731	

2. Hazards Identification

Emergency Overview:	A clear or coloured plastic bag, not considered hazardous, can release irritating and/or toxic vapors if involved in a fire. Warning: To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages, or playpens. THIS BAG IS NOT A TOY. PLEASE KEEP PLASTIC BAGS AWAY FROM REACH OF CHILDREN.
POTENTIAL HEALTH HAZARDS:	
	Skin: No adverse effects are expected.
	Eyes: No adverse effects are expected.
	Inhalation: Inhalation exposures are unlikely due to physical properties.
	Ingestion: Not toxic. May act as an obstruction if swallowed.
	Delayed Effects: None known

3. Composition/Information on Ingredients (Typical Values – Not Specifications)

Ingredient Name	CAS RN	Weight %
Linear Low Density Polyethylene	Various	95 - 100
Colour Masterbatch (Coloured Bags only)	Various	0 - 5
Solvent-Based Ink (Printed Bags only)	Various	<0.1

4. First Aid Measures

Skin:	No adverse effects anticipated. Wash off in flowing water or shower.
Eyes:	No adverse effects anticipated. Irrigate immediately with water for at least 5 minutes. Examine for mechanical injury.
Inhalation:	No adverse effects anticipated.
Ingestion:	No adverse effects anticipated, check for obstruction.

5. Fire-fighting Measures

Suitable Extinguishing Agents:	Any standard agent (water, dry chemical, carbon dioxide or foam). If possible, water should be applied as a spray from a fogging nozzle because polyethylene is a surface burning material.
Protective Equipment:	Wear self-contained positive pressure breathing apparatus in any closed space.
Hazardous Combustion Products:	Thermal decomposition vapors may be toxic. Smoke, fume, incomplete combustion products, oxides of carbon and flammable hydrocarbons.

6. Accidental Release Measures

Spillage:	Clean up spilled bags promptly to avoid a slipping hazard. Collect for use or disposal.
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7. Handling and Storage

Handling Procedures:	Keep bags away from excessive heat and flames.
Storage Procedures:	Store in a cool, dry area away from excessive heat.

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8. Exposure Controls/Personal Protection	
Ventilation Procedures:	General ventilation should be adequate for normal use.
Personal Protective Equipment:	None required under normal conditions of use.
Skin Protection:	None required under normal conditions of use.
Eye Protection:	None required under normal conditions of use.
Respiratory Protection:	None required under normal conditions of use.
Additional Recommendations:	None required under normal conditions of use.
Exposure Guidelines:	None
9. Physical and Chemical Properties	
Appearance:	Plastic Bag
Form:	Plastic Bag
Colour:	Various
Odour:	Odourless
Melting Point:	190 - 220°C
Specific Gravity @ 20°C (68°F):	0.90 - 0.94
Viscosity:	Solid - Not Applicable
10. Stability and Reactivity	
Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under conditions of normal use. Material may be softened by some hydrocarbons.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid contact with strong oxidizers, excessive heat or open flame.
11. Toxicological Information	
Oral Toxicity:	No adverse effects are expected from normal use of product.
Dermal Toxicity:	No adverse effects are expected from normal use of product.
Inhalation Toxicity:	No adverse effects are expected from normal use of product. Breathing vapors and fumes from heating the product to decomposition may cause eye, mucous membrane and respiratory irritation.
Skin Irritation:	No adverse effects are expected from normal contact. Molten or heated bags may cause serious burns.
Eye Irritation:	No adverse effects are expected from contact. Any foreign body in the eye will cause irritation.
Sensitization:	No skin or respiratory sensitization is expected from use of product.
Chronic Toxicity:	No chronic effects of exposure are expected from normal use of product.
Medical Conditions Aggravated by Exposure:	These products are not expected to aggravate existing medical conditions.
Carcinogenicity:	No evidence of carcinogenicity from ACGIH/NTP/IARC.
Mutagenicity:	No evidence of mutagenicity.
Reproductive Toxicity & Teratogenicity:	No evidence of adverse reproductive effects.

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12. Ecological Information	
Aquatic/Terrestrial/ Environmental Toxicity:	These products are considered inert plastic products. No adverse environmental toxic effects are expected from normal use or disposal.
13. Disposal Considerations	
Waste Disposal:	Most plastic bags can be recycled, if possible (unless contaminated). The bags may also be buried in a landfill. Alternately, the bags can be burned/incinerated. When burned in a properly operated incinerator, combustion product gases are primarily water vapor and carbon dioxide. This should be conducted in accordance with local, state and federal regulations.