

Safety Data Sheet

1. Product and Company Identification

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| Product Name: | High 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

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| 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 % |
|---|---------|----------|
| High 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

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| 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

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| 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

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

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| 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 | |
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| 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: | 200 - 220°C |
| Specific Gravity @ 20°C (68°F): | 0.92 - 0.98 |
| 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 | |
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| 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. |