

DONOVAN

Hc #34

P.1

## Material Safety Data Sheet

ZIP69 Reclosable Bags  
Common Name: (used on label and list)May be used to comply with OSHA's Hazard Communication Standard 29CFR 1910.1200.  
Standard must be consulted for specific requirements.I-310528  
C-21P69

## SECTION I

Manufacturer's Name Donovan Industries  
(or Importer of Record)  
Street Address 13401 McCormick Drive  
City, State, and ZIP Tampa, FL 33626  
Signature of Preparer (Optional) \_\_\_\_\_Emergency Telephone Number  
813-854-1547Other Information Calls  
813-854-1547Date Prepared 11/12/01

## SECTION II - Hazardous/ Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s): / OSHA PEL / ACGIH TLV / Other Limits / % (optional))  
This product is not hazardous as defined in 29 CFR 1910.1200Chemical name polyethylene or Ethylene-Olefin Copolymer

## SECTION III - Physical/ Chemical Characteristics

Boiling Point	<u>N/A</u>	Specific Gravity (H <sub>2</sub> O = 1)	<u>0.92 - 0.970</u>
Vapor Pressure (mm Hg.)	<u>N/A</u>	Melting Point	<u>225 - 229 deg F</u>
Vapor Density (AIR = 1)	<u>N/A</u>	Evaporation Rate	<u>N/A</u>
Solubility in Water	<u>Insoluble</u>		
Appearance and Odor	<u>Odorless opaque white pellets or granules</u>		

## SECTION IV- Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	VEL
649 Deg F ASTM E136	650 Deg F	N/A	N/A

Extinguishing Media

Solid Material, may burn at or above the flashpoint, airborne dust may explode if ignited

Special Fire Fighting Procedures

Fire Fighters should use self-contained breathing apparatus. Use water spray to cool fire

Unusual Fire and Explosion Hazards

Oxygen-lean conditions may produce carbon monoxide and irritating smoke

## SECTION V - Reactivity Data

Stability Unstable ☐ Conditions To Avoid  
Stable ☒ Temperatures over 650 deg F may cause resin degradation

Incompatibility (Materials To Avoid)

Fluorine, Strong Oxidizing agents

Hazardous Decomposition or Byproducts

N/A

Hazardous May Occur ☐ Conditions To Avoid  
Polymerization May Not Occur ☒ N/A

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**SECTION VI - Health Hazard Data**

Route(s) of Entry	Inhalation?	Eyes?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic) NFPA 654 and 68 indicate possible explosion hazard of dust particles

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	Not Applicable	Not Applicable	Yes

Signs and Symptoms of Exposure: Usual discomfort of inhalation in heavy dust conditions.

Medical Conditions Generally Aggravated by Exposure: May cause discomfort or irritation to nasal and respiratory passages.

Emergency and First Aid Procedures: Remove individual to fresh air. On skin wash with soap and water.

**SECTION VII - Precautions for Safe Handling and Use**

Steps To Be Taken in Case Material is Released or Spilled:  
vacuum or sweep.

**Waste Disposal Method:**

Normal refuse methods or controlled incineration.

Precautions To Be Taken In Handling and Storing:  
Store at normal temperatures away from high heat.

**Other Precautions:**

Electrostatic Accumulation can occur, use proper grounding procedures

**SECTION VIII - Control Measures**

Respiratory Protection (Specify Type): Normally none needed.

	Local Exhaust:	Special:
	Sufficient to maintain	N/A
Ventilation	Mechanical (General):	Other:
	N/A	N/A

Protective Gloves: Required Eye Protection: As Per OSHA standard 29 CFR

Other Protective Clothing or Equipment: Normal work clothing covering arms and legs (when dealing with dust)

Work/ Hygienic Practices: Normal soap and water cleaning procedures.

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