



## MATERIAL SAFETY DATA SHEET - SUPER SHRINK SSP-PLUS

Product Summary - Polyolefin Heat Shrinkable Packaging Film

### SECTION I - COMPANY IDENTIFICATION

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**Manufacturer:** Bollore Inc.

**Emergency Telephone:** 860-774-7431

**Product Class:** Polyethylene

### SECTION II - INGREDIENTS

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Main Ingredient	Typical Percent	OSHA PEL Gas Fume Dust ppm mg/m <sup>3</sup>	ACGIH TLV Gas Fume Dust ppm mg/m <sup>3</sup>	CAS Numbers
Polyethylene	95%	N/D	N/D	9002-88-4
Additives	<5	N/D	N/D	-

### SECTION III - HAZARDS IDENTIFICATION

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**SKIN:** Not hazardous

**EYES:** Not hazardous

**INHALATION:** Not a route of exposure. No component hazardous as defined by 29 CFR 1910.1200

**INGESTION:** Not a route of exposure. Not toxic.

**Carcinogenicity Information:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA as a carcinogen.

### SECTION IV - FIRST AID MEASURES

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**INHALATION:** No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

The predominant gases produced during normal hot wire cutting and shrinking operations are low molecular weight hydrocarbons, carbon dioxide, carbon monoxide, water, and hydrocarbon oxidation products including organic acids, aldehydes and alcohols. The amount of each is low. BOLLORE does not believe concentrations of these gases present a hazardous work environment. Nevertheless, local ventilation is recommended. In exceptional circumstances, in gross mis-operation of equipment or while the product is being disposed of, "BOLPHANE" shrink film may be exposed to temperatures above 617°F (325°C). In this case fumes irritating to the eyes, nose, and throat may be produced. Exposure to these fumes may result in redness, tearing, and itching of the eyes and soreness in the nose and throat together.

**SKIN CONTACT:** Not likely to be hazardous by skin contact but cleaning the skin after use is advisable.

**EYE CONTACT:** This product is an inert solid. If in eye, remove as one would any foreign object.

**INGESTION:** First aid is normally not required.

## SECTION V - FIRE FIGHTING MEASURES

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### FLAMMABLE PROPERTIES:

**FLASH POINT:** not applicable    **FLASH POINT METHOD:** not applicable

**AUTO IGNITION TEMPERATURE:** not determined    **UPPER FLAME LIMIT** (volume % in air): Not applicable.

**LOWER FLAME LIMIT** (volume % in air): Not applicable.

**FLAME PROPAGATION RATE** (solids): Not determined.    **OSHA FLAMMABILITY CLASS:** Not determined

**EXTINGUISHING MEDIA:** Use any standard agent (Water, Foam, Dry Chemical, CO<sub>2</sub>).

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Thermal decomposition vapors may be toxic.

**SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:** As in any fire, wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

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**LAND SPILL:** Sweep up spilled material and place in suitable container for recycle or disposal.

## SECTION VII - HANDLING AND STORAGE

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**Handling (Physical Aspects):** Can accumulate high static electric charge during handling. Static charges can cause explosions in solvent and dust laden atmospheres.

**STORAGE:** Store in a cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

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**Respiratory Protection:** Not necessary when using appropriate sealing system or when no sealing is used.

**Ventilation:** If decomposition products exceed TLVs or PELs

**Protection Gloves:** Not Required

**Eye Protection:** Not Required

**Other Protective Equipment:** Not Known

**Work Hygienic Practices:** Use appropriate work practices to maintain exposures below TLV or PEL.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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### Physical Data

Appearance : Clear translucent and odorless.

Physical State : Solid

Melting Point : 212 – 280 °F

% Volatiles : Negligible

Solubility in Water : Negligible

Specific Gravity : 0.91 – 0.94

## X. STABILITY AND REACTIVITY

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**Chemical Stability:** Stable.

**Incompatibility with Other Materials:** None reasonably foreseeable.

**Decomposition:** Decomposition temperature: 617 F (325°C) Hazardous gases or vapors can be released, including carbon dioxide, carbon monoxide, hydrocarbon oxidation products, including, organic acids, aldehydes, alcohols.

## XI. TOXICOLOGICAL INFORMATION

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Negligible hazard at ambient temperature for inhalation, skin contact, eye contact and ingestion.

## **XII. ECOLOGICAL INFORMATION**

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**AQUATIC TOXICITY:** No information is available. Toxicity is expected to be low based on insolubility in water.

## **XIII. DISPOSAL CONSIDERATIONS**

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**Waste Disposal:** Options for disposal are recycling, incineration with energy recovery, and landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

## **XIV. TRANSPORTATION INFORMATION**

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### Shipping Information

US DOT (Department of Transportation): not regulated

International Maritime Dangerous Goods (IMDG) : not regulated

Air: ICAO International Civil Aviation Organization, or IATA (International Air Traffic Association): not regulated

## **XV. REGULATORY INFORMATION**

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Other than any material listed in section II, this product does not contain a chemical which is listed in section 313 above the minimums concentrations.

State Regulations (U.S.): No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet.

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