

Material Safety Data Sheet

Polyethylene Personal Protection Gown

Product Designation: Polyethylene gown, embossed and smooth

Description: A disposable personal protection gown manufactured from a thin film of polyethylene. The thin film can be either smooth in texture or mechanically embossed with a raised pattern.

Manufacturer: PolyConversions, Inc.
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Emergency Phone: 217-893-3330

Ingredients

Chemical Family: Polyolefin polymers

Composition: Manufactured from a thin film (less than 0.002") produced from high pressure, low density polyethylene.

Additives: May contain up to 0.5 wt% of any but not all of the following:
Amorphous silica
Cristobalite
Flux-calcined diatomaceous earth
Crystalline silica
Erucyl amide

This product may also contain colorants such as titanium dioxide (TiO₂) in quantities less than 10 wt%. The additives in this product are encapsulated in a thermoplastic resin with limited release under normal conditions of transportation and use. Increased release may occur when the resin is melted, ground to a smaller particle size or subjected to decomposition.

Physical Data: Specific gravity 0.905 - 1.1; insoluble water; essentially orderless

Fire, Explosion and Reactivity Data

Hazards: Dense smoke emitted when burned without sufficient oxygen

Hazardous Decomposition: Avoid temperatures above 300°C. Thermal decomposition products can include carbon, carbon mono- and di-oxides, water, organic vapors, fumes possibly containing silica dust.

Fire Fighting: Fire fighters should wear self-contained breathing apparatus in the positive pressure mode with a full face piece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. The application of high velocity water may spread the burning surface layer.

Health Information and Occupational Exposure Limits

Inhalation: This product is an inert solid at room temperature.

Ingestion: May cause choking if swallowed. The product is considered physiologically inert.

Eye Hazards: Dust generated from abrading the film may cause eye irritation from mechanical action. If irritation occurs, irrigate with water at least 5 minutes to relieve the mechanical irritation.

Skin Contact/Absorption: Absorption thorough the skin is unlikely. The product is essentially non-irritating.

Environmental Protection

Precautions: Avoid uncontrolled releases of film.

Clean-up Procedures: Sweep up and dispose if in a recycling program or landfill and in accordance with local, state and federal ordinances.

Regulatory Compliance: **TSCA** - the components of this product are listed in the TSCA inventory.

SARA Hazard Categories - this product does not meet any hazard category in SARA Title III under sections 311 and 312.

Prepared by PolyConversions, Inc. Effective September 1, 1994

The information presented herein is believed to be factual and is delivered from sources believed to be qualified experts. However, nothing contained in this information is to be taken as a warrantee or representation for which PolyConversions, Inc. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine the applicability of the product.

For further information please contact:

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