

1. Product Manufacturer / Identification

Product Identification: Cast Stretch Film

Recommended Use: Hand, Machine & Pallet Wrap Stretch Film

Recommended Use: Packaging Material

Manufacturer: Noghre Fam Poush

Head Office: No. 6, Riahi St, Karaj Makhsous Road, Azadi sq, Tehran, Iran

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2. Composition

Chemical characterisation: Linear Low-Density Polyethylene

Form: Film Odour: None Color: Transparent

All components are non-hazardous

3. Hazard Identification

Hazard Classification: Not Classified as Hazardous

Emergency Overview: This product is not expected to present a safety and health hazard when used under reasonable conditions and as intended/as designed by the manufacturer.

No specific danger is associated to the normal industrial utilisation of the product.

Chronic Health Hazards: No adverse effects anticipated from available information.

Medical Conditions Aggravated by Exposure: to aggravate existing medical conditions. Based on available information this product is unlikely to aggravate existing medical conditions.

Other: Slipping, trip hazard.

4. First Aid Measures

General Suggestion: At room temperature the product is not irritating and dangerous.

Eye Contact: rinse immediately with plenty of water. If irritation or other complications persist, contact a physician.

Skin Contact: Direct contact with skin does not cause irritation. If molten film comes in contact with the skin cool it with cold running water.

Do not remove the materials from the skin as it may cause severe tissue damage. Contact a physician.

Inhalation: If film is under combustion and the person has inhaled vapors, move the person to fresh air and keep them at rest in a comfortable position for breathing. If effects occur consult a physician.

Ingestion: If swallowed seek medical attention. Do not take laxatives. Do not induce vomiting unless instructed to do so by a physician.

5. Fire Fighting Measures

Polyethylene film is not flammable, but it will burn if exposed to flames, emitting harmful fumes that should not be inhaled.

Molten droplets of polymer can be produced, potentially igniting adjacent flammable and/or combustible materials.

Self-ignition temperature: >340 °C

Extinguishing Media: Water spray, CO₂, dry chemical powder, foam.

Hazardous Decomposition Products: Can include but not limited to acetic acid, formic acid, carbon monoxide, carbon dioxide, various aldehydes, and hydrocarbons.

First aid: In case of inhalation of fumes, the affected person should be promptly moved to fresh air, kept warm, and artificial respiration applied if necessary. Medical attention should be seek immediately, and under no circumstances should any attempt be made to peel the solidified polymer off the skin.

Hazchem code: Not available

6. Accidental release measures:

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing dust.
Recover spilled material and place in appropriate container for disposal in compliance with all the local laws and regulations.
Collect pellets and materials on the floor in order to avoid possible serious slipping problem.

7. Handling and Storage:

Handle the stretch film with care to prevent punctures, tears, or other damage that could compromise its integrity and effectiveness.
The rooms used for film storage should be dry, cool, and well-ventilated.
Store the film away from heating sources, extremely high or low temperatures, incompatible materials, and avoid static electricity buildup.
The plastic stretch film should be stored in a manner that prevents exposure to very long periods of ultraviolet light.
Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

8. Exposure controls/personal protection:

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
No personal protective equipment is required when handling stretch wrap alone but gloves and safety glasses are recommended when using stretch wrap equipment.
Hand Protection: Protective Gloves.
Eye Protection: Chemical safety goggles.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: None required under normal conditions.
Environmental Exposure Controls: Do not allow the product to be released into the environment.
Consumer Exposure Controls: Do not eat, drink or smoke during use

9. Physical and chemical properties:

Information on Basic Physical and Chemical Properties

Physical state at 20 °C : Solid
Appearance : Transparent
Odor: odorless
Odor Threshold : Not available
pH : Not available
Evaporation Rate : Not available
Melting Point : 105 - 130 °C
Freezing Point : Not available
Boiling Point : Not available
Flash Point : > 336 °C
Auto-ignition Temperature : > 342 °C
Decomposition Temperature : Not available
Flammability (solid, gas) : Not available
Lower / Upper Flammable Limit : Not available
Vapor Pressure : Not available
Vapor Density : Not available
Relative Density : Not available
Specific Gravity : 0.91- 0.97
Water solubility: Insoluble
Partition Coefficient: N-Octanol/Water : Not available

9. Physical and chemical properties:

Viscosity : Not available

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.

Oxidizing properties: No data available

10. Stability and reactivity:

Stability: The product is stable at normal handling and storage conditions

Hazardous reactions: Hazardous reactions will not occur under normal conditions.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

Hazardous Decomposition Products: Thermal decomposition generates : Carbon oxides (Co_x), aldehydes and other organic polymeric fumes.

11. Toxicological information:

Information on Toxicological Effects

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Skin Contact: Contact during a long period may cause slight irritation.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion:

Ingestion is not likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

12. Ecological information:

Ecotoxicity: Negligible solubility. Poses life-threatening risks to wildlife if ingested.

Persistence/Degradeability: No specific ecological data is available for this product.

Bioaccumulative Potential: No bioconcentration is expected because of the relatively high molecular weight (MW greater than 10000)

Mobility in Soil: Not available

13. Disposal consideration:

The product is reusable and recyclable according to official regulations.

Disposal must be carried out according to regulations.

14. Transport information:

LAND (DOT): Not regulated for Land Transport

LAND (TDG): Not regulated for Land Transport

SEA (IMDG): Not regulated for Sea Transport according to IMDG-Code

AIR (ATA): Not regulated for Air Transport

15. Regulatory information:

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment: No chemical safety assessment has been carried out for this product

16. Other information:

To the best of our knowledge the information contained in this document is accurate, and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.