1. Product and Company Identification

Product Name(s): **Precisionrap Industrial Stretch Film**

Product Description: Polyethylene Stretch-Wrap Film

Product Code(s): All **WP *Innova*** Industrial Stretch Films branded Precisionrap

Recommended Use: Packaging Material

Company Identification: Western Plastics, operating in Canada as **WP *Innova***
5725 McLaughlin Road
Mississauga, ON L5R 3K5

Emergency Contact: 905-568-9999 (Mon-Fri 9:00 am – 5:00 pm EST)

Customer Information: For product information, please contact your distributor or sales representative.

2. Hazards Identification

Hazard Classification: Not Classified as Hazardous

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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.

Acute Health Hazards:
Eye Contact: Film may cause irritation or corneal injury due to mechanical contact.
Skin Contact: Normal contact is non-irritating, but continuous mechanical grinding may cause irritation.
Inhalation: Avoid breathing dust as prolonged exposure may cause irritation.
Ingestion: Swallowing may induce chocking or blockage of the gastrointestinal tract.

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

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

Other: Slipping, trip hazard.

3. Composition

All components are non-hazardous

4. First Aid Measures

Eye Contact: Flush eyes with water for several minutes. If irritation or other complications persist, contact a physician.
Skin Contact: 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 vapours, move the person to fresh air. 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

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

Special Fire Fighting Procedures: Use water spray to disperse the vapours and protect personnel attempting to extinguish the fire. Prevent fire control runoff from entering streams, sewers, or drinking water supply.

Special Protective Equipment: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Exposure to fire can generate toxic fumes.
Flash point: not est Flammable Limits: not est

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

HMIS: **Health: 0** **Flammability: 1** **Reactivity: 0**

6. Accidental Release Measures

Land Spill: Recover spilled material and place in appropriate container for disposal in compliance with all the local laws and regulations.

Water Spill: Hydrocarbons are subject to the Clean Water Act (40CRF122.6) initiated by the US EPA. Material found in storm water runoff is subject to the EPA regulations with the potential for fines and penalties.

7. Handling and Storage

Handling: Care should be taken in use as plastic films have the potential to accumulate a static charge. Proper grounding may be required. Film should not be removed or wrapped where the air environment is potentially flammable. Keep material way from open flames, heat and other means of ignition. Avoid contact with strong oxidizers.

Storage: Store in a cool, dry area out of direct sunlight.

8. Exposure Controls/Personal Protection

OSHA: No established exposure limits for the polymer.

Respiratory Protection: No special requirements under ordinary conditions of use with adequate ventilation.

Eye Protection: Normal industrial eye protection practices should be followed.

Skin Protection: No precautions other than body covering clothing (long sleeves and pants) should be needed.

Exposure Limits: This product does not have recognized exposure limits.

Ventilation: Use in well ventilated areas.

Engineering Controls: Physical handling and processing of this product may cause the product to accumulate a static charge. Care should be taken to ensure any static charge is properly grounded.

9. Physical and Chemical Properties

Appearance:	Translucent Film	**Vapour Pressure:**	Not Determined
Colour:	Natural, or Pigmented	**Vapour Density:**	Not Determined
Physical State:	Solid		
Specific Gravity:	0.91-0.98	**Water Solubility:**	Negligible
Odour:	Odourless	**Partition Coefficient**	
pH:	Not Determined	**n-Octanol/water:**	Not Determined

Melting Point: 115+ degrees C
Freezing Point: Not Determined
Boiling Point: Not Determined
Flash Point: 336 degrees C
Evaporation Rate: Not Determined
Flammability Limits in Air
Lower: no test data available
Upper: no test data available

Auto Flammability: 342 Degrees C
Decomposition Temp:
Viscosity:
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10. Stability and Reactivity

Stability: Stable.
Conditions to Avoid: Extreme heat will cause decomposition.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, various aldehydes and hydrocarbons. Carbon monoxide is toxic if inhaled. Aldehydes are known irritants with the potential to induce skin sensitization and may potentially be carcinogenic. High concentrations of carbon dioxide may induce asphyxiation by reducing the oxygen concentration in the surrounding air.
Hazardous Polymerization: Will not occur.
Additional Information: This product is not expected to present safety and health hazard when used under both intended and reasonable conditions.

11. Toxicological Information

Acute Oral Toxicity: Very low toxicity if swallowed. Harmful effects no anticipated from swallowing small amounts.
Single dose oral LD50 has not be determined.
Typical for this family of materials LD50, rat >5000mg/kg estimated.

Acute Dermal Toxicity: No adverse effects are anticipated by skin adsorption
The dermal LD50 has not been determined.
Typical for this family of materials LD50, rat > 2000mg/kg estimated.

Sensitization: No adverse effects are expected.
Chronic Toxicity: Sub Chronic, 50-90 day, feeding studies conducted on rats, dogs, and swine showed no effects from dietary levels of 1-20% powdered and shredded polyethylene.

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: In the terrestrial environment material is expected to remain in the soil. In the aquatic environment material is expected to float.
Other Adverse Effects: None expected

13. Disposal Considerations

Waste Disposal: Disposal of waste as normal refuse in compliance with all federal, state and local laws and regulations. Do not dispose of into any body of water, sewer or on the ground. Compliance of disposal is the sole responsibility of the waste generator.

This product is manufactured from LLDPE and may be recyclable. Consult your local recycling regulations.

14. Transport Information

US Dot/CAN-TDG: Not Regulated.
IMO/IMDG: Not Regulated.
ICAO/IATA Not Regulated.

15. Regulatory Information

Toxic substances Control Act (TSCA)

All components of this product are listed or are exempted from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA)

If this product is accidentally spilled it is not subject to any special reporting under the Comprehensive Environmental Response, Compensation, and Liability Act. In the case of a spill contact local authorities to ensure that all local reporting requirements are met.

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Delayed Hazard: No
Fire Hazard: No
Immediate Health Hazard: No
Reactive Hazard: No
Sudden Release of Pressure Hazard: No

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 313

The following components of this product are listed as extremely hazardous substances in 40 CFR Part 355 and are present at levels which could require reporting and customer notification under Section 313 and 40 CFR part 372:

This product does not contain toxic chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require warning under the statute.

European Inventory of Existing Commercial Chemical Substances (EINECS)

All components of this product are in compliance with EINECS.

Carcinogenicity Classification (Components present at 0.1% or more)

IARC (International Agency for Research on Cancer): N/A
NTP (National Toxicological Program): N/A
OSHA (Occupational Safety and Health Administration): N/A

CEPA – Domestic Substances List (DSL)

The components of this product are on the DSL or are exempt from reporting under the New Substances Notification Regulations.

WHMIS – Canadian Workplace Hazardous Materials Information System

This product is not a controlled product under WHMIS.

Canadian Hazardous Products Act Information: CPR Complaince

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. Other Information

Disclaimer: To the best of our knowledge the information contained in this document is accurate. The information provided by raw material suppliers is believed to be true. This SDS supersedes any previous SDS for the same product as it contains the most current information.

SDS Author: Mike Hanstock SDS Date: July 1, 2021