



MATERIAL SAFETY DATA SHEET

1. Company and Product Identification

Product Details : LLDPE Stretch Film For Industrial Pallet Wrapping
Application : For Industrial Pallet Wrapping
Trade Name : Nitro Stretch Film

Manufacturer :
Name : QSPAC Industries, Inc.
Address : 15020 Marquardt Avenue
Santa Fe Springs, CA 90670
Telephone : (877) 407-7722
Fax : (562) 407-3871

Reviewed Date : Feb 2017
Contact : QA Manager

2. Composition / Information on Ingredients

Trivial Name : Polyethylene (PE)

Chemical Name/CAS Number : 1-Butene, copolymer with ethene (25087-34-7)
1-Hexene, copolymer with ethene (25213-02-9)
1-Octene, copolymer with ethane (26221-73-8)

Precise composition is proprietary information. It is 100% Linear Low Density Polyethylene (LLDPE) based and from our assessment, there are no hazardous components in this composition.

Health Hazardous Components : None.

3. Hazards Identification

Physical and Chemical Hazards / Fire and Explosion Hazards

Low hazard - Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point.

Decomposes - Flammable / toxic gases will form upon decomposition. See Section 10 " Stability and Reactivity ".

Toxic gases will form upon combustion. See Section 5 " Fire-Fighting Measures ".

Dust - Not Applicable

Static Discharge - Product can accumulate static charges which can cause an incendiary electrical discharge.

Environmental Hazards

In the environment, this substance and/or its components are expected to remain on the water and soil surface and persist.

4. First Aid Measures

Entry By : Inhalation : Not Applicable
Skin : At ambient temperatures - Not Applicable
Ingestion : First Aid is normally not required

Emergency and First Aid Procedures : First Aid normally not required



5. Fire-Fighting Measures

Extinguishing Media : Water, Carbon Dioxide, Dry Chemicals.

Special Fire Fighting Procedures : Isolate fire area and deny unnecessary entry. Cool surroundings with water to localise fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires. Soak with water thoroughly to cool and prevent re-ignition.

Hazardous Combustion Products : Under oxygen lean conditions, Carbon Monoxide (CO) and irritating smoke may be produced

6. Accidental Release Measures

Accidental Release Measures : Not Applicable

7. Handling and Storage

Handling and Storage : Prolonged exposure to Ultra Violet light is to be avoided.
Transportation and storage at ambient temperatures recommended.

Other Precautions : Use Static Eliminator to dissipate charges during unwinding to prevent sparking if required.

8. Exposure Controls / Personal Protection

Respiratory Protection : Not Applicable

Ventilation : Not Applicable

Protective Gloves : Not Applicable

Eye Protection : Not Applicable

Protective Clothing or Equipment : Not Applicable

Work / Hygienic Practices : Not Applicable

9. Physical and Chemical Properties

Boiling Point : Not Applicable

Specific Gravity : 0.90 - 0.95

Vapour Pressure : Not Applicable

Melting Point : About 115 degree Celsius.

Vapour Density : Not Applicable

Evaporation Rate : Not Applicable

Solubility in Water : Not soluble

Flamable Limits

Appearance and Odour : Clear odourless film

LFL (Lower Flamable Limit) : Not Applicable

UFL (Upper Flamable Limit) : Not Applicable

Flash Point : > 340 degree Celsius (Estimated)



10. Stability and Reactivity

Stability : Product is stable

Incompatibility : Not Applicable

Hazardous Decomposition or By-Products : Not Applicable

Hazardous Polymerisation : Will not occur

Hazardous Decomposition Products : Carbon Dioxide (CO₂), Carbon Monoxide (CO), Flammable Hydrocarbons and Fumes.

11. Toxicological Information

Health Hazards : Not Applicable

Carcinogenity : NTP - Not Applicable
IARC Monographs - Not listed
OSHA Regulations - Not listed

Signs & Symptoms of Exposure : Not Applicable

Medical Conditions Aggravated by Exposure : Not Applicable

12. Ecological Information

Information about elimination (persistence and degradability) : Not easily biodegradable.

General Notes : At present there are no ecotoxicity assessments. Material is insoluble in water and floats.

13. Disposal Considerations

Waste Disposal Method : Suitable routes of disposal of this product are incineration in appropriate incinerators (with energy recovery recommended), disposal in landfills or appropriate recycling methods.
Product will persist if in ground.
Product is expected to float in water.
Product is recyclable.

14. Transport Information

Product may be transported by normal means.

Goods are typically cartonized or bulk packed and palletized before loading for delivery.



15. Regulatory Information

The product is screened for REACH and RoHS compliance.
SVHC not detected (below RL - Reporting Limit, All RL are based on homogenous material).

16. Other Information

The Safety Data Sheet is valid for all of manufacturer's Machine wrap and Hand wrap stretch film.

Disclaimer:

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