



SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Polyethylene Products (Film and Bags)
Manufacturer:	Rutan Poly Industries, Inc. 39 Siding Place Mahwah, New Jersey 07430-1828
Web Site Address:	www.rutanpoly.com
Emergency Contact:	201-529-1474
Identified Uses:	For packaging finished articles, liners, and covers.
Prohibited Uses:	Not for ingestion or medical applications involving implantations in the human body, or contact with internal body fluids or tissues.

2. HAZARDS IDENTIFICATION

GHS Classification:	Not a hazardous material.
GHS Label Element:	Not a hazardous material.
GHS Precaution Phrases:	No phrases apply.
GHS Response Phrases:	No phrases apply.
GHS Storage and Disposal Phrases:	No phrases apply.
OSHA Regulatory Status:	This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200, the SDS and labels contain all the information as required by the standard.
Inhalation:	No hazard during normal use. Fumes produced during melt process may cause eye, skin and respiratory irritation.
Skin Contact:	Not hazardous during normal use. Heated material can cause thermal burns resulting in pain, redness, and blistering.
Eye Contact:	Not hazardous during normal use.

Ingestion:	Not expected to be a hazard during normal use.
Medical Conditions Generally Aggravated by Exposure:	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #:	9002-88-4
Hazardous Components (Chemical Name):	Polyethylene (LDPE)
Concentration:	100% (+/-)

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	For processing fume inhalation, leave the contaminated area and breathe fresh air.
In Case of Inhalation:	Remove from exposure and move to fresh air immediately. For excessive fumes inhalation, obtain medical attention.
In Case of Skin Contact:	Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.
In Case of Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, get medical attention immediately.
In Case of Ingestion:	Not expected during normal use but if swallowed, wash out mouth with water provided person is conscious. Call a physician.
Signs and Symptoms of Exposure:	The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal processing conditions.
Note to Physician:	None

5. FIRE FIGHTING MEASURES

General Hazard:	Plastic may burn at or above the autoignition temperature. If the film is thermally decomposed, flammable and/or toxic gases may be released.
Autoignition:	Over 500 F
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, foams, water fog
Special Fire Fighting Procedures:	For fires in enclosed areas, fire-fighters must wear positive pressure, self-contained breathing apparatus. Do not direct a solid stream of water or foam into burning molten plastic as this may cause spattering and spread fire.
Hazardous Combustion Products:	Normal combustion may produce carbon dioxide, water vapor, carbon monoxide and flammable hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	Product is non-hazardous in the form supplied. Spills or accidental release is not expected from normal use.
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7. HANDLING AND STORAGE

Precautions To Be Taken In Handling:	Handle in accordance with good industrial hygiene and safety practice.
Precautions To Be Taken In Storing:	Store in cool, dry place, indoors and away from direct sunlight or ultraviolet light. Keep away from ignition sources, heat open flames. Do not store with incompatible materials.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection:	For normal, ambient conditions of use, no respiratory protection is required. For heating operations, use adequate ventilation or local exhaust ventilation for air borne fumes or dust. If adverse effects such as respiratory irritation or discomfort is experienced, then additional respiratory protection is recommended. Wear NIOSH approved air purifying respirators.
Eye Protection:	If there is a potential for generating dust or for melting the material, goggles or a face shield is recommended.
Skin Protection:	When handling hot or molten plastic, wear thermally resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid	Vapor Density (vs. Air = 1): NA
Appearance and Odor: Clear, no odor	Specific Gravity (Water=1): (Water = 1): 0.80 – 1.0
pH: No data	Solubility in Water: NA
Melting Point: 215 F – 265 F	Solubility Notes: Insoluble in cold water
Boiling Point: NA	Octanol/Water Partition Coefficient: No data
Flash Point: NA Method Used: NA	Autoignition Pt: NA
Evaporation Rate: NA	Decomposition Temperature: >300.00 C (572.0 F)
Flammability (solid, gas): No data available	Viscosity: NA
Explosive Limits: LEL:NA UEL:NA	
Vapor Pressure (vs. Air or mm Hg): NA	

10. STABILITY AND REACTIVITY

Chemical Stability:	Chemically stable as supplied and under normal ambient and recommended storage and handling conditions.
Reactivity:	No known reactivity hazards
Conditions To Avoid-Instability:	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Incompatibility-Materials To Avoid:	This material may be softened by some hydrocarbons, fluorine.
Hazardous Decomposition or Byproducts:	Normal combustion may produce carbon dioxide, water vapor, carbon monoxide, hydrocarbon oxidation products such as ketones, aldehydes, organic acids and alcohols.
Possibility of Hazardous Reactions:	No known reactivity hazards.
Conditions To Avoid-Hazardous:	Under normal conditions of use, hazardous decomposition will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	Not toxic under normal conditions of use.
Acute Inhalation Toxicity:	No data available.
Acute Dermal Toxicity:	No data available and presumed non-toxic under normal ambient conditions of use. Contact with molten or hot plastic may cause burns.
Eye Irritation:	Under normal conditions of use, not an eye irritant. Potential for dust or vapors from heating operations to cause irritation.
Additional Information:	No data available for Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity.

12. ECOLOGICAL INFORMATION

General Ecological Information:	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and Degradability:	Product is not soluble in water and not expected to be biodegradable.
Bioaccumulative Potential:	This product will not readily bioaccumulate due to its insolubility in water.
Mobility:	The product is non-volatile
Aquatic Environments:	This product is not soluble in water and floats.
Terrestrial Environments:	Product is expected to remain in soil.
Ozone Depleting Substances:	None reportable, in compliance with 40 CFR 82.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	<p>Product should be used for the intended purpose or recycled in accordance with local regulations if possible.</p> <p>Do not dump in sewers, on the ground, or into any body of water. All disposal practices must comply with local rules and regulations.</p>
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14. TRANSPORT INFORMATION

Land Transport (US DOT):	Not regulated as a hazardous material.
Air Transport (ICAO/IATA):	Non-Hazardous for Air Transport

15. REGULATORY INFORMATION

U.S. TSCA Inventory:	Components of this product are in compliance with inventory.
SARA Title III – Sections 302, 311, 312:	This product is non-hazardous under SARA.
Section 313:	No reportable substances
DSL- Canadian Domestic Substance List:	Compliant with inventory.
EINECS:	Compliant with requirements.
Reach:	Does not contain SVVHCs per issue date.
OZONE DEPLETING SUBSTANCES:	None reportable, in compliance with 40 CFR 82

16. OTHER INFORMATION

Revision Date: 05/18/2016

Preparer Name: Coral Payano

Additional Information About This Product:

Information given in this Safety Data Sheet (SDS) is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.