

SAFETY DATA SHEET

Flexo® PET (PTN)

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFICATION

Product form: Braided Polyethylene Terephthalate monofilament sleeving
Name: Flexo® PET Sleeving (PTN)
CAS No.:
Synonyms:
Intended use of the product: Wire management, bundling and protecting
Restrictions on use of the product:
Chemical Name:
Chemical Family:
Chemical Formula:
Manufacturer/Supplier: Techflex, Inc.
 104 Demarest Road
 Sparta, NJ 07871

Emergency Contact:

Techflex, Inc. 973-300-9242 (M-F 8:30 am - 5:30 pm)
 John Harry, Quality Assurance Manager

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS-US classification: N/A

GHS-US CHART

GHS-US CLASSIFICATION N/A	
HEALTH	5
FLAMMABILITY	5
PHYSICAL HAZARD	5
PERSONAL PROTECTION See section 8	

1	Severe Hazard
2	Serious Hazard
3	Moderate Hazard
4	Slight Hazard
5	N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	GHS-US classification	% Range	SVHC
Polyethylene Terephthalate	25038-59-9		>99%	
Misc. do not declare			<1%	

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SECTION 4: FIRST AID MEASURES

Description of first aid measures

After inhalation:	Not respirable in this form. Move to fresh air if exposed to fumes created from processing temperatures exceeding the melt temperature or dust created from processing.
After skin contact:	If exposed to molten material, cool with water. Seek medical attention for removal of molten material from skin.
After eye contact:	May cause mechanical irritation. Flush with plenty of water.
After ingestion:	Not a likely form of exposure and would not be considered hazardous.
Acute symptoms:	
Delayed symptoms:	
Information for a doctor:	This material is essentially inert and non-toxic.
Additional notes:	

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media:	Use foam, dry chemical, water spray, or carbon dioxide, depending on what is appropriate for the surrounding fire.
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Unsuitable media:

Special hazards arising from the substance or mixture

Fire hazard:	None
Explosion hazard:	None
Reactivity:	

Information for firefighters

Firefighting instructions:

Protection during firefighting: Routine protective gear including self-contained breathing apparatus.

Notes:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

General measures:

For non-emergency personnel:

For emergency responders:

Environmental precautions:

Methods and materials for containment and clean-up

Containment:

Clean-up: Sweep or vacuum up scrap, which may present a slipping hazard.

Notes:

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Additional hazards when processed:

Precautions:

Hygiene measures:

Conditions for storage, including any incompatibilities

General conditions: Store in a cool, dry place.

Technical measures:

Incompatible materials:

Suggested area:

Notes:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Control parameters (by substance):

Name of Substance				
Regulation				

Appropriate engineering controls:

Use of local exhaust ventilation at processing points is the recommended manufacturing practice.

Personal protective equipment:

Hand protection: Gloves may be desired, depending on manufacturing process.

Eye protection: Safety glasses may be desired, depending on manufacturing process.

Skin and body protection:

Respiratory protection: Respirator may be desired, depending on manufacturing process.

Thermal hazard protection: Avoid touching molten material.

Other:

Notes:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Solid

Appearance: Braided monofilament

Color: Various colors

Odor: None

Odor Threshold:

pH: N/A

Relative evaporation rate: N/A

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Melting point: 250°C
Boiling point: N/A
Flash point: N/A
Auto-ignition temp.: N/A
Decomposition temp.:
Flammability: UL-94, V0
Vapor pressure: N/A
Relative vapor density: N/A
Relative density:
Density:
Solubility: Insoluble in water
Log Pow:
Log Kow:
Viscosity:
Explosive properties:
Explosive limits:
Oxidizing properties:
Specific Gravity: 1.38
Other information:

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Chemical Stability: Stable

Hazardous Reactions: Strong bases.

Conditions to avoid: Prolonged temperatures exceeding maximum operating temperature

Hazardous materials

Hazardous decomposition products: Major - CO. Minor - CH₃CHO, esters, alcohols and acids

Notes: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: N/A

Skin corrosion/irritation:

Serious eye damage/irritation:

Respiratory or skin sensitization:

Germ cell Mutagenicity:

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Carcinogenicity:
Reproductive toxicity:
Specific organ toxicity:
Aspiration hazard:

Symptoms/injuries inhalation:
Symptoms/injuries eye contact:
Symptoms injuries ingestion:

Additional notes: Material is not considered to cause allergic reactions or cause irritation. It is not listed as a carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Persistence:
Degradability:
Bioaccumulative potential:
Mobility in soil:
Other adverse effects:

Notes: Material is expected to have low aquatic toxicity due to its insolubility in water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste disposal recommendation: Not considered hazardous waste. Dispose as per local, state, and federal regulations.

Additional information:

Notes:

SECTION 14: TRANSPORT INFORMATION

Un number
DOT UN No.:
DOT NA No.:

UN proper shipping name
Department of transportation:
Hazard classes:
Hazard labels:

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Packing Group:
DOT special provisions:

Additional information
Emergency response guide No.:
Other information:

MFAG No.:
Air transport
DOT quantity limitations passenger aircraft/rail (49 CFR 173.27):
DOT quantity limitations cargo aircraft only (49 CFR 175.75):

Notes: Not regulated.

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific to the substance or mixture

WHMIS: Not a controlled product.
SARA: Material does not contain any substances in Reportable or Threshold quantities.
OSHA: N/A
TSCA: All substances used to manufacture this material are listed in the TSCA inventory.
Title III Chemical Lists: Material does not contain any Title III chemicals.
CERCLA Chemical Lists: Material does not contain any CERCLA chemicals.
California Prop 65 Chemical Lists: Material does not contain any California Prop 65 chemicals.

SECTION 16: OTHER INFORMATION

Indication of changes

Other Information