

# SAFETY DATA SHEET

## Flexo® Rodent Resistant (RRN)

### SECTION 1: PRODUCT AND COMPANY INFORMATION

**PRODUCT IDENTIFICATION**

**Product form:** Braided Polyethylene Terephthalate Rodent Resistant monofilament sleeving  
**Name:** Flexo® Rodent Resistant Sleeving (RRN)  
**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

**Hazard Statements:** At temperatures  $\geq 150^{\circ}$  C the spinnish will degrade. During heatsetting of fabrics ventilation with fresh air is recommended. Do not inhale vapours or smoke.  
 While cutting with hot knives toxic gases will be formed. Ventilation with fresh air is necessary. Do not inhale smoke or dust .

**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%	
TiO2	98084-96-9		<1%	
Capsaicin containing additive			<2%	
Anorganic pigments			<1%	

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### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

<b>After inhalation:</b>	Ensure supply of fresh air. In the event of symptoms apply for medical treatment.
<b>After skin contact:</b>	When in contact with the skin, clean with soap and water. In case of burning: After contact with molten product cool quickly with cool water or sterile salt solution and protect with gauze. Do not pull off solidified product from the skin forcibly. Apply for medical care.
<b>After eye contact:</b>	In case of contact with the eyes rinse thoroughly with plenty of water and apply for medical care. Show this Safety Data Sheet.
<b>After ingestion:</b>	Induce the patient to vomit of its own accord only if fully conscious. Rinse out mouth and give plenty of water to drink. Apply for medical care. Show this Safety Data Sheet.
<b>Acute symptoms:</b>	Not known.
<b>Delayed symptoms:</b>	
<b>Information for a doctor:</b>	
<b>Additional notes:</b>	In case of unconsciousness: Alert emergency doctor.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Extinguishing media</b>	
<b>Suitable media:</b>	Water spray jet, foam, dry powder, carbon dioxide.
<b>Unsuitable media:</b>	
<b>Special hazards arising from the substance or mixture</b>	Unknown risk of formation of toxic pyrolysis products Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )
<b>Fire hazard:</b>	
<b>Explosion hazard:</b>	
<b>Reactivity:</b>	
<b>Information for firefighters</b>	
<b>Firefighting instructions:</b>	
<b>Protection during firefighting:</b>	Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases. Wear protective clothing and keep safety distance to avoid contact with the skin. Avoid contamination of firefighting water into surface water, groundwater and soil. Dispose of fire residues and contaminated firefighting water must be in accordance with the local regulations.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment, and emergency procedures

<b>General measures:</b>	Ensure adequate ventilation. Avoid inhalation of vapours, smoke and dust. Wear adequate protective clothing.
<b>For non-emergency personnel:</b>	
<b>For emergency responders:</b>	
<b>Environmental precautions:</b>	Washing water must be treated in a sewage plant.
<b>Methods and materials for containment and clean-up</b>	
<b>Containment:</b>	
<b>Clean-up:</b>	Collect scrap and depollute according to Section 13.

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### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

**Additional hazards when processed:**

**Precautions:** Avoid formation and deposition of dust. Normal precautions for handling of molten, heated products must be observed.

**Hygiene measures:** Cleaning hands after contact with the product.

**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):**

<i>Name of Substance</i>				
<b>Regulation</b>				

**Appropriate engineering controls:**

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

**Personal protective equipment:**

**Hand protection:** Gloves against cuts, chafing, heat-resistance according to risk assessment.

**Eye protection:** Safety glasses.

**Skin and body protection:**

**Respiratory protection:** Respiratory protection in the case of dust and/or thermal processing.

**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:** Dark Brown

**Odor:** None

**Odor Threshold:**

**pH:** N/A

**Relative evaporation rate:** N/A

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### Flexo<sup>®</sup> Rodent Resistant (RRN)

<b>Melting point:</b>	240°C - 255°C
<b>Boiling point:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Auto-ignition temp.:</b>	
<b>Decomposition temp.:</b>	> 300°C
<b>Flammability:</b>	Not determined
<b>Vapor pressure:</b>	N/A
<b>Relative vapor density:</b>	
<b>Relative density:</b>	
<b>Density:</b>	
<b>Solubility:</b>	Insoluble in water
<b>Log Pow:</b>	
<b>Log Kow:</b>	
<b>Viscosity:</b>	
<b>Explosive properties:</b>	
<b>Explosive limits:</b>	No
<b>Oxidizing properties:</b>	
<b>Specific Gravity:</b>	1.38
<b>Other information:</b>	

#### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:**

**Chemical Stability:** Under normal conditions the product is chemically stable up to the melting temp.

**Hazardous Reactions:** No hazardous reactions known.

**Conditions to avoid:** Avoid temperatures > 180°C.

**Hazardous materials  
Hazardous decomposition  
products:** Cabondioxide, Carbonmonoxide, Acetaldehyde.

**Notes:** Strong acids, alkali and oxidants.

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:** At appropriate handling no negative effects are known after long-term experience.

**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:

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** The product is not soluble in water. It is neither harmful for fish nor for bacteria.

**Persistence:**

**Degradability:** The product is not biological accumulable.

**Bioaccumulative potential:** The product does not accumulate biologically.

**Mobility in soil:** The product remains in the soil until mechanical removal.

**Other adverse effects:**

Notes:

### 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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## Flexo<sup>®</sup> Rodent Resistant (RRN)

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.

### SECTION 16: OTHER INFORMATION

Indication of changes

Other Information