

# Safety Data Sheet

Trade name: **TaegaSeal PTFE Thread Seal Tape, Yellow, Red, Green, Orange**

Product No: **121 Thread Seal Tape, red, orange, yellow, green**

Version: 2.4

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: **121 Thread Seal Tape, red, orange, yellow, green**

### 1.1.1 Substances

Substance name: **Polytetrafluoroethylene resin (PTFE)**  
CAS #: **9002-84-0**  
Weight %: **99 - 100**

Substance name: **Cadmium pigments**  
CAS #: **7440-43-9**  
Weight %: **<1**

Substance name: **Barium Sulfate**  
CAS #: **7727-43-7**  
Weight %: **< 0.1**

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**Mixtures**

Trade name / designation: **Thread Seal Tape**

1.1.2 Other means of identification: **None**

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses: **tape**

1.2.2 Uses advised against:

*Material is nontoxic, insoluble, chemically inert, and non-biodegradable. Solid material will not support combustion, but if other fuel is present, decomposition products will react at about 1275° F producing potentially toxic gaseous products.*

1.3 Details of the supplier of the safety data sheet:

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**Supplier:** Taega Technologies Inc  
1016 E Springfield Rd  
High Point, NC 27263

**FOR MORE INFORMATION:** Product Safety Department: 336-905-7133  
(8 AM to 5 PM, Eastern Time)

**1.4 EMERGENCY TELEPHONE NUMBER: 336-905-7133**

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## **SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture: article**

**2.2 Label elements**

**Hazard pictograms**  
None

**Signal word:**  
None

**Hazard statements: None**

**Precautionary statements: None**

**Supplemental Hazard information: None**

**Special rules for supplemental label elements for certain mixtures:**

**Additional labelling: None**

**2.3 Other hazards**

## **SECTION 3. Composition/information on ingredients**

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## ALTERNATIVE for mixtures

### 3.1 Mixtures

3.1.1 Description of the mixture:  
N/A

3.1.2 Hazardous ingredients n/a

3.1.3 Additional information: n/a

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

4.1.1 General informations: N/A

4.1.1 Following inhalation: Use appropriate NIOSH-approved respirator in presence of decomposition fumes.

4.1.4 Following skin contact: N/A

4.1.2 Following eye contact: Use of safety glasses is recommended.

4.1.5 Following ingestion: Not a likely route of entry

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**4.1.6 Self-protection of the first aider: na for material as supplied, at room temperature**

**Processing at high temperature may generate fumes which can cause flu-like symptoms (polymer fume fever). Remove to fresh air, consult physician if severe.**

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms: None known

Effects:

**4.3 Indication of any immediate medical attention and special treatment needed**

Notes for the doctor: \_\_\_\_\_N/A

Special treatment:

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## SECTION 5: Firefighting measures

### 5.1

FLASH POINT: na  
AUTO IGNITION TEMPERATURE: na  
FLAMMABLE LIMITS IN AIR (% BY VOL.): na, solid material

EXTINGUISHING MEDIA: Use media appropriate to primary source of fire.

UNUSUAL FIRE HAZARDS: Material is incombustible, but if other fuel is present, decomposition products will burn at about 1275 F, producing toxic and corrosive gaseous products.

**5.4 Additional information: None**

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## SECTION 6: Accidental release measures

6.1 None—solid material / article

6.1 Environmental precautions: These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable. They are completely recyclable.

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## SECTION 7: Handling and storage

7.1 Store and handle using good warehouse practices. Avoid excessive temperatures and high humidity.

7.1.1 Protective measures: N/A

7.1.2 Advice on general occupational hygiene

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7.2 Conditions for safe storage, including any incompatibilities

Store and handle using good warehouse practices. Avoid excessive temperatures and high humidity.

Further information on storage conditions:

7.3 Specific end uses:

Thread seal tape

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## SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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## 8.1.1 Occupational exposure limits:

ENGINEERING CONTROLS: na

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Use appropriate NIOSH-approved respirator in presence of decomposition fumes.

EYES AND FACE: Use of safety glasses is recommended.

HANDS, ARMS, AND na

BODY:

OTHER CLOTHING na

AND EQUIPMENT:

EXPOSURE GUIDELINES: (Guidelines exist for the following ingredients)

Ingredient Name	ACGIH TLV	OSHA PEL
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Other Limit

na	na	na	na
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Other exposure limits for the decomposition products normally associated with product use are as follows: na

## 8.1.2 Exposure limits at intended use: None: as raw ingredients:

INGREDIENT NAME	ACGIH TLV	OSHA PEL	OTHER LIMIT
Cadmium compound as Cd, CAS# 7440-43-9			0.01 mg/m3 as dust, nd total; 0.002 mg/m3 as respirable dust; 8 hr. TWA's
Barium sulphate			10 mg/m3 as dust, 8 nd hr. TWA

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**8.2 Exposure controls none**

**8.2.1 Appropriate engineering controls: n/a**

**8.2.2 Personal protective equipment: n/a**

**8.2.2.1 Eye / Face protection:**  
Suitable eye protection  
Other eye protection measures

**8.2.2.2 Skin protection:**  
Hand protection:  
Body protection:  
Other skin protection measures:

**8.2.2.3 Respiratory protection:**

**8.2.2.4 Thermal hazards**

**8.2.3 Environmental exposure controls: N/A**

**8.2.4 Consumer exposure control N/A**

## **SECTION 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**9.1.1 Appearance**

**Physical state:**      **Color:** red, orange, yellow, green  
**Odor threshold:** none

**Odor:** none

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	value	concentration	method	temp	pressure	remark
<b>pH</b>	n/a					
<b>Melting point/freezing point</b>				342 C		
<b>Initial boiling point/boiling range</b>	n/a					
<b>Flash point</b>	n/a					
<b>Evaporation rate</b>	n/a					
<b>Flammability (solid, gas)</b>	n/a					
<b>Upper/lower flammability or explosive limits</b>	n/a					
<b>Upper explosive limits</b>	n/a					
<b>Lower explosive limits</b>	n/a					
<b>Vapour pressure</b>	n/a					
<b>Vapour density</b>	n/a					
<b>Relative density</b>	n/a					
<b>Solubility(ies)</b>	insoluble					
<b>Partition coefficient: n-octanol/water</b>	n/a					
<b>Auto-ignition temperature</b>	n/a					
<b>Decomposition temperature</b>	n/a					
<b>Viscosity</b>	n/a					
<b>Viscosity, dynamic</b>						
<b>Viscosity, cinematic</b>						
<b>Explosive properties</b>	n/a					
<b>Oxidising properties</b>	n/a					

## 9.2 Other information:

Physical hazards: None

Self-accelerating decomposition temperature (SADT)	n/a			
Explosive power	n/a			
Detonation velocity	n/a			
Fragmented length	n/a			



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## SECTION 10: Stability and reactivity

10.1 Reactivity:

10.2 Chemical stability **Stable**

10.3 Possibility of hazardous reactions **none**

10.4 Conditions to avoid:

10.5 Incompatible materials: **strong oxidizers, acids, bases**

10.6 Hazardous decomposition products: **Thermal decomposition may produce toxic and corrosive gaseous products.**

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## SECTION 11: Toxicological information

**Toxicokinetics, metabolism and distribution**

11.1 Information on toxicological effects

**These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable. They are completely recyclable.**

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Carcinogenicity**

**Practical experience / human evidence:**

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**Ingredients found on one of the OSHA designated carcinogen lists are listed below.**

<b>INGREDIENT NAME</b>	<b>NTP STATUS</b>	<b>IARC STATUS</b>	<b>OSHA STD</b>
<b>cadmium compounds</b>	<b>Group 2</b>	<b>Group 2A</b>	<b>1910.1027</b>

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**Specific target organ toxicity (single exposure)**

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Recycle, or dispose in an approved landfill or by incineration, in compliance with federal, state, and local regulation.

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## **SECTION 14: Transport information**

US DOT HAZARD CLASS: na

US DOT ID NUMBER: nd

## **SECTION 15: Regulatory information**

15.1 None

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### **15.1.2 National regulations**

### **15.2 Chemical Safety Assessment:**

*For this substance a chemical safety assessment is not required.*

## **SECTION\_16**

### **16.1 Other Information**

**This document is based on technical information provided by our supplier.**