

# Safety Data Sheet

Trade name: TaegaSeal PTFE Thread Seal Tape with Nickel

Product No: 121 Thread Seal Tape, Grey (Nickel)

Version: 2.4

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Revision Date: 7/29/2015

Print date: 7/29/2015

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

### 1.1 Product identifier: 121 Thread Seal Tape, Grey (Nickel)

#### 1.1.1 Substances

Substance name: Polytetrafluoroethylene resin (PTFE)  
CAS #: 9002-84-0  
Weight %: 86-97%

Substance name: Nickel flake  
Weight % <15 %

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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:

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)

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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

3.1

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### ALTERNATIVE for mixtures

3.1 Mixtures

3.1.1 Description of the mixture:

N/A

3.1.2 Hazardous ingredients

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## 3.1.3 Additional information:

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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**

**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

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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

na

TEMPERATURE:

FLAMMABLE LIMITS IN AIR (% BY VOL.): na, solid material

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.

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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

*Preventive industrial medical examinations are to be carried out.*

8.1 Control parameters

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 BODY: na

OTHER CLOTHING AND EQUIPMENT: na

EXPOSURE GUIDELINES: (Guidelines exist for the following ingredients)

| Ingredient Name | ACGIH TLV | OSHA PEL |
|-----------------|-----------|----------|
|-----------------|-----------|----------|

|             |  |  |
|-------------|--|--|
| 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**

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls: None**

**8.2.2 Personal protective equipment:**

**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**

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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       |               |        |       |          |        |
| Upper explosive limits                              | n/a       |               |        |       |          |        |
| Lower explosive limits                              | 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       |               |        |       |          |        |
| Viscosity, dynamic                                  |           |               |        |       |          |        |
| Viscosity, cinematic                                |           |               |        |       |          |        |
| <b>Explosive properties</b>                         | n/a       |               |        |       |          |        |
| <b>Oxidising properties</b>                         | n/a       |               |        |       |          |        |

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### 9.1.1 Appearance

Physical state:      Color: Grey   Odor: none   Odor threshold:

### 9.2 Other information:

Physical hazards: None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

10.2 Chemical stability Stable

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**10.3 Possibility of hazardous reactions**

**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)**

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

| <b>INGREDIENT NAME<br/>OSHA STANDARD</b> | <b>NTP STATUS</b> | <b>IARC STATUS</b> |           |
|--|-------------------|--------------------|-----------|
| <b>na</b>                                | <b>na</b>         | <b>na</b>          | <b>na</b> |

#### **Carcinogenicity**

**Practical experience / human evidence:**



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

| INGREDIENT NAME<br>STANDARD | NTP STATUS | IARC STATUS | OSHA |
|-----------------------------|------------|-------------|------|
| na                          |            | na          | na   |

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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 na

CLASS:

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.**