

# Safety Data Sheet

Trade name: 1/2" Contractor Grade PTFE Tape

**KIMBALL  
MIDWEST**

Product No: 83539

Version: 2.4

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

### 1.1 Product identifier:

#### 1.1.1 Substances

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

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Mixtures n/a

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 n/a

#### 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: Kimball Midwest  
4800 Roberts Road  
Columbus, OH 43228  
Corporate Telephone: 800.233.1294  
Emergency Telephone: Chemtrec 1.800.424.9300

Importer / Only Representative: N/A

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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 None

## SECTION 3. Composition/information on ingredients

3.1 ALTERNATIVE for mixtures

3.1 Mixtures

3.1.1 Description of the mixture:  
N/A

3.1.2 Hazardous ingredients n/a

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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
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Other Limit		
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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: n/a**

**8.2 Exposure controls n/a**

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

**8.2.2 Personal protective equipment:**

**8.2.2.1 Eye / Face protection:**

Suitable eye protection n/a

Other eye protection measures n/a

**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 n/a**

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

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### 9.1.1 Appearance

Physical state: Colour: red, orange, yellow, green

Odor: none

Odour threshold:

#### 9.2 Other information:

Physical hazards: None

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## SECTION 10: Stability and reactivity

10.1 Reactivity: n/a

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid: n/a

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 (carcinogenity, mutagenicity and toxicity for reproduction)

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

INGREDIENT NAME OSHA STANDARD	NTP STATUS	IARC STATUS
na	na	na



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## Carcinogenicity

Practical experience / human evidence:

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

INGREDIENT NAME STANDARD	NTP STATUS	IARC STATUS	OSHA
na	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 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.*

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## SECTION\_16

### 16.1 Other Information

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that the supplier believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of the supplier's control, the supplier makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.