

Reference number		Product name	Sealtape
Revision Date	January 29, 2024	Company Name	TRUSCO NAKAYAMA CORPORATION

## Safety data sheet(SDS)

### 1 Chemicals and company information

Product name : Sealtape  
 Product part number : T6-5S・T6-5S-1P・T6-15S・T6-15S-1P  
 Reference number :  
 Recommended uses and features : For sealing iron, aluminum, stainless steel pipes, plastic pipes, etc.  
 Company Name : TRUSCO NAKAYAMA CORPORATION  
 Address : 4-28-1 Shinbashi, Minato-ku, Tokyo  
 Department in charge : Tokyo Product Department PB Quality Assurance Division  
 Issuing contact information : To customer service department  
 Phone : +81-120-509-849  
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### 2 Hazard summary Information as a chemical substance

#### GHS classification

Acute toxicity (oral) : Not classified  
 Acute toxicity (dermal) : Cannot be classified  
 Acute toxicity (inhalation: gas) : Cannot be classified  
 Acute toxicity (inhalation: vapor) : Cannot be classified  
 Acute toxicity (inhalation: dust, mist) : Cannot be classified  
 Skin corrosion/irritation : Cannot be classified  
 Serious eye damage/eye irritation : Cannot be classified  
 Respiratory or skin sensitization  
   ▪ Respiratory sensitization : Cannot be classified  
   ▪ Skin sensitization : Cannot be classified  
 Germ cell mutagenicity : Cannot be classified  
 Carcinogenic : Cannot be classified  
 Reproductive toxicity : Cannot be classified  
   ▪ (effects on or through breastfeeding) : Cannot be classified  
 Specific target organ/systemic toxicity (single exposure) : Cannot be classified  
 Specific target organ/systemic toxicity (repeated exposure) : Cannot be classified  
 Aspiration hazard : Cannot be classified  
 Hazardous to the aquatic environment (acute) : Cannot be classified  
 Long-term toxicity to the aquatic environment : Cannot be classified  
 Harmful to the ozone layer : Cannot be classified

Items not listed are not classified, not subject to classification, or cannot be classified.

## GHS label elements

symbol

: None

Pictorial display

: None

Signal word

: None

Hazard information

Code(H)

H : None

Cautionary note

【Safety measure】

Code(P)

P : None

[First aid]

Code(P)

P : None

【storage】

Code(P)

P : None

【Discard】

Code(P)

P : None

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## 3 Composition and ingredient information

Classification of single products and mixtures : Articles

Ingredients and content (wt%)

Name of substance	chemical or structural formula	CAS No.	Content (wt%)
Polytetrafluoroethylene		9002-84-0	100

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## 4 First aid measures

If inhaled : Solid and not inhalable

In case of contact with skin

: Although it is not necessary, wash your face and hands thoroughly after handling.

If it gets in your eyes : Carefully remove it, wash it with clean water, and consult a doctor.

If swallowed : Make them vomit immediately. If swallowed in large quantities, seek medical advice.

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## 5 Measures in case of fire

extinguishing agent : There are no restrictions on water, foam, powder, carbon dioxide fire extinguishers, dry sand, etc.

Unique fire extinguishing method : There are no particular restrictions.

Protection of fire fighters

: Wear a full face mask, air respirator and fire retardant cloth when polytetrafluoroethylene is present in a fire.

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## 6 Measures in case of leakage

### Precautions for the human body

: Nothing in particular as there is no possibility of leakage

### Environmental precautions

: Nothing in particular as there is no possibility of leakage

Removal method : Nothing in particular as there is no possibility of leakage

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## 7 Precautions for handling and storage

### Handling

Technical countermeasures : Take the equipment measures listed in "8. Exposure prevention and personal protection measures" and wear protective equipment.

Notes : When working at high temperatures, ventilate the work area.

### Safe handling precautions

: Usually nothing special.

### Storage

Appropriate storage conditions : Store indoors at room temperature and humidity and avoid getting wet.

### Safe containers and packaging materials

: Packaging form when shipped by our company

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## 8 Exposure controls and protective measures

Equipment measures : Local ventilation equipment should be installed in processes that involve heating to 260° C or higher.

### Control concentration

Name of substance	Control concentration	Japanese Society of Industrial Hygiene	Allowable concentration (ACGIH)
Polytetrafluoroethylene	No information	No description	No information

### Protective equipment

#### Respiratory protection

: Although it is not necessary under normal conditions, if the human body is exposed to decomposition gas generated by heating above 260°C,

Use an air mask.

Hand protection : Not needed under normal conditions

Eye protection : Not needed under normal conditions

#### Skin and body protection

: Not needed under normal conditions

#### Proper hygiene measures

: Not needed under normal conditions

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## 9 Physical and chemical properties

Shape : Solid tape

Color : Milky white

Odor	:	Odorless
Odor threshold	:	Nothing special
pH	:	Solid and not applicable
Melting point (°C)	:	Around 327°C
Freezing point (°C)	:	No data
Boiling point/initial boiling point and boiling range (°C)	:	No data
Flash point (°C)	:	No data
Evaporation rate	:	No data
Flammability (gas/solid)		
Combustion or explosion range		
lower limit	:	No data
upper limit	:	No data
Vapor pressure (KPa)	:	No data
Vapor density	:	No data
Specific gravity (relative density)	:	0.6~1.0
Solubility	:	Insoluble in water and common solvents
N-octanol/water partition coefficient	:	Insoluble in water and common solvents
Autoignition temperature	:	No data
Decomposition temperature	:	Begins to decompose extremely slowly above 260°C. The decomposition rate becomes faster at temperatures above 400°C.
Viscosity (viscosity coefficient)	:	No data

#### 10 Stability and reactivity

Reactivity	:	No data
Chemical stability	:	Stable under normal storage conditions.
Possibility of hazardous reactions		
Conditions to avoid	:	Begins to decompose extremely slowly above 260°C. The decomposition rate becomes faster at temperatures above 400°C.
Incompatible materials	:	Metal powders such as aluminum and magnesium, such as fluorine (F2) and trifluorofluorine (C13F) It may react with oxidizing agents such as fluorine compounds and cause fire or explosion.
Hazardous decomposition products		
	:	Harmful perfluoroisobutylene is generated at temperatures above 470°C. Other fluorinated compounds (low toxicity) are generated.

#### 11 Toxicological information      Information as a chemical substance

Acute toxicity		
(Oral)	:	Polytetrafluoroethylene Rat LD50 1,250mg/kg
(Transdermal)	:	No information
(Transdermal)	:	No information
(Inhalation: Steam)	:	No information
(Inhalation: dust, mist)	:	No information
Skin corrosion/irritation		

: Normally, it is stable and there are no particular points to note.

Serious eye damage/irritation

: It is a solid substance and can cause damage if it comes into contact with the eyes.

Respiratory or skin sensitization

Respiratory sensitization

: Absorption of the fumes produced during combustion can cause polymer fume fever, which has episodic flu-like symptoms such as fever, chills, and cough that lasts about 24 hours.

Skin sensitization

: It is not absorbed through the skin.

Germ cell mutagenicity : Normally, it is stable and there are no particular points to note.

Carcinogenic : Normally, it is stable and there are no particular points to note.

Reproductive toxicity : Normally, it is stable and there are no particular points to note.

(Effects on or through breastfeeding)

: No information

Specific target organ/systemic toxicity – single exposure

: Normally, it is stable and there are no particular points to note.

Specific target organ/systemic toxicity – repeated exposure

: Normally, it is stable and there are no particular points to note.

Aspiration hazard

: Normally, it is stable and there are no particular points to note.

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## 12 Environmental impact information

Ecotoxicity : No noteworthy information has been obtained.

Persistence/degradability : No noteworthy information has been obtained.

Bioaccumulation : No noteworthy information has been obtained.

Accumulation in soil : Extremely inert and has no effect.

Hazardous to the aquatic environment (acute)

: No information

Long-term toxicity to the aquatic environment

: No information

Harmful to the ozone layer

: No information

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## 13 Disposal precautions

How to dispose of residual waste

: Dispose of as industrial waste based on local regulations.

How to dispose of contaminated containers and packaging

: Dispose of as industrial waste based on local regulations.

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## 14 Transport precautions

Domestic regulations

Land transportation : Nothing special

Marine transport : Nothing special

Air transport : Nothing special

International regulations

United nations number : Not applicable  
Product name (United Nations transport name)  
: Nothing special  
United nations classification : Not applicable  
Container grade : Not applicable  
Marine pollutants  
: Nothing special  
Transport of liquid substances in bulk according to MARPOL 73/78 Annex II and IBC Code  
: Nothing special

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15 Applicable laws and regulations

【 Industrial Safety and Health Act 】

Article 57 of the Act (Harmful substances whose names, etc. should be displayed)

: Nothing special

Article 57-2 of the Act (Hazardous substances whose names, etc., should be notified)

: Nothing special

Dust Hazard Prevention Regulations : Nothing special

Pneumoconiosis Law Enforcement Regulations : Nothing special

[Act on the Examination of Chemical Substances and Regulation of Manufacturing, etc.]

(2011.04.01 Revised Chemical Substances Control Law Article 2)

: Nothing special

[Chemical Substances Management Promotion Law (PRTR Law)]

: Nothing special

[Poisonous and Deleterious Substances Control Law] : Nothing special

[Poisonous and Deleteric : Fire Service Act: Designated combustibles  
(synthetic resins: other items)

Polytetrafluoroethylene

[High Pressure Gas Safety Law] : Nothing special

[Air Pollution Control Law] : Nothing special

[Water Pollution Prevention Act] : Nothing special

[Water Supply Law] : Nothing special

[Soil Contamination Countermeasures Law] : Nothing special

[Marine Pollution Prevention Act] : Nothing special

[Waste Management Law] : Nothing special

[Export Trade Control Order]

Attached table 1 cargo

Export order number : Nothing special

Ministerial Ordinance Number for Cargo, etc. : Nothing special

Section 16-1 : Nothing special

Section 16-2

Applicable category : Class 39

HS code : 3920.99.090

Attached table 2 cargo

: Nothing special

[Various international treaties]

Stockholm Convention	
(POPs Convention)	: No data
Rotterdam Convention	
(PIC Convention)	: No data
Montreal protocol	
	: No data
Basel Convention	
	: Polytetrafluoroethylene 100wt%
CWC Treaty	
	: No data
Chemical Weapons Convention	
	: No data
Ship Recycling Convention	
	: No data
[Overseas inventory information]	
United States: Toxic Substances Control Act (TSCA)	
	: listed
Canada: Domestic Substance List (DSL)	
	: listed
Canada: Non-Domestic Substances List (NDSL)	
	: No data
EU: European Existing Commercial Chemicals List (EINECS)	
	: No data
U: European List of Newly Notified Chemical Substances (ELINCS)	
	: No data
EU: REACH Regulation (REACH)	
SVHC approval candidate substances (Candidate List)	
	: Please contact our PB Quality Assurance Department separately.
Restricted substances( Annex XVII )	
	: Please contact our PB Quality Assurance Department separately.
EU: List of substances that are no longer considered polymers (NLP)	
	: No data
China: Inventory of Existing Chemical Substances (IECSC)	
	: Listed
South Korea: Existing Chemical List (ECL)	
	: No data
Philippines: List of Chemicals and Substances (PICCS)	
	: Listed
Taiwan: Existing Chemical Substance Reporting Work Instructions (ECN)	
	: No data

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## 16 Other information

Important safety items	: Nothing special
Specific safety training	: Nothing special
Recommended handling methods for chemicals	: Not applicable
Restrictions	: Nothing special

Manufacturing company name

Product material name

#### References

JIS Z 7253 (2019)

NITE (Independent Administrative Agency National Institute of Technology and Product Evaluation) Home Page

Central Industrial Accident Prevention Association Homepage

Other documents: Raw materials/product manufacturer SDS

The contents have been prepared based on the materials, information, and data available at the moment, but no guarantees are made regarding the content, physicochemical properties, hazards, etc. This information may be added to or revised as new information becomes available. In addition, the precautions are for normal handling, so if you wish to handle the product in any special way, please take safety measures appropriate to the intended use and usage.