

# Safety Data Sheet

In accordance with REACH Regulation (EC) no. 1907/2006

## 1. Identification of the substance/mixture and of the company/undertaking.

<b>Produktidentifikator:</b>	<b>PTFE Tape</b>	<b>PR-no.:</b> Not notifiable
<b>Relevant identified uses of the substance or mixture and uses advised against:</b> PTFE tape for sealing threaded joints.		
<b>Details of the supplier of the safety data sheet:</b>		<b>Producer:</b>
Company:	Unipak A/S Marktoften 3c 8464 Galten Denmark	
Contactperson:	Ive@eurofins.dk	
Phone no. for emergencies:	+45 86 26 11 77 (Unipak, work hours) +45 82 12 12 12 (Bispebjerg hospital, Giftlinje ("Toxins Line"))	
Date:	04.12.2012	

The logo for Unipak, featuring the word "Unipak" in a bold, yellow, sans-serif font with a black outline.

## 2. Hazards identification

### Classification of the substance or mixture:

The product is not classified as harmful with regard to the Danish Environment Ministry Directive no. 1075/2011. The product is not covered by the rules for classification and labeling. Long-term contact may have an irritant effect on contact with the eyes.

### Labeling elements:

#### Labeling according to 1075/2011

Eurofins Product Testing A / S 4<sup>th</sup> of december 2012 estimated that the product should not be classified according to the Danish Environment Ministry Directive on classification, labeling etc.

Other hazards: None known.  
PBT/vPvB: Components are not PBT/vPvB according to the criteria in REACH Annex XIII.

## 3. Composition/information on ingredients

### Substances: - Mixture:

<u>Substance name</u>	<u>CAS-no.</u>	<u>EF-no.</u>	<u>Indeks-no.</u>	<u>Veight-%</u>	<u>REACH reg.-no.</u>	<u>Classification</u>
Teflon:						
Polytetrafluorethylen	9002-84-0	-	-	>99	-	- CLP*: -

CLP\*: European Parliament and Council Regulation (EC) No 1272/2008.

## 4. First-aid measures

### Description of first aid measures:

#### Inhalation:

Move to fresh air. If smoke from overheated product is inhaled, seek medical advice immediately.

#### Skin contact:

Wash the skin with soap and water. After washing, rub skin with a thick cream.

#### Eye contact:

Open the eye, rinse immediately with water or saline for at least 15 minutes. Remove contact lenses. If the irritation does not improve, seek medical advice.

#### Swallowing:

Avoid vomiting if possible. Rinse mouth thoroughly and drink plenty of water. In case of persistent discomfort, seek medical advice.

#### Most important symptoms and effects, both acute and delayed:

Prolonged contact with this product may cause irritation to skin and eyes.

#### Indication of any immediate medical attention and special treatment needed:

Not applicable.

## 5. Fire-fighting measures

### Extinguishing media:

Water spray (never water jet - spreads the fire), CO<sub>2</sub>, foam, sand or powder.

### Special hazards arising from the substance or mixture:

The product is not flammable. Burning product produces toxic gases for example hydrogen fluoride, carbonyl fluoride, tetrafluoroethylene, hexafluoropropylene, several m. In case of fire the product may release smoke, which may cause Teflon flu, see. section 11

### Advice for firefighters:

As far as possible remove the product from areas threatened by fire, or cool with water. Wear self-contained breathing apparatus for firefighting.

## 6. Accidental release measures

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

Use personal protective equipment - see section. 8

### Environmental precautions:

Avoid discharge into drainage systems - see section 12 At release to the external environment, contact the environmental authorities.

### Methods and materials for containment and cleaning up:

Larger quantities should be handled as hazardous waste. Rinse thoroughly with water. Further handling of spillage - see section 13

### Reference to other sections:

See above.

## 7. Handling and storage

### Precautions for safe handling:

Avoid contact with skin and eyes. The workplace must be well ventilated.

### Conditions for safe storage, including any incompatibilities:

Store in tightly closed original container in a dry place.  
Keep separate from food, feedstuffs, etc.

Fire hazard class: -

### Specific use:

See application - section. 1

## 8. Exposure controls/personal protection

### Control parameters:

The following notifiable ingredients have a threshold according to the notice of the limit values for substances and materials No 1134/2011:

None.

**DNEL:** No CSR.

**PNEC:** No CSR.

## 8. Exposure controls/personal protection

### Exposure control:

Appropriate measures for exposure control:

### Personal protective equipment:

Inhalation: Respiratory protection is not normally required.

Skin: If skin contact can not be avoided, use protective gloves, for example. nitrile \*).

\*) It is important to note that there are many different types of gloves, why it is necessary to document the effectiveness with regard to the actual product.

Eyes: Not applicable as there can not come splashes from the product.

### Measures to reduce environmental exposure:

Any residues and waste from production, must be collected and disposed of as mentioned in section. 13

Treatment and discharge of waste water shall be in accordance with local regulations.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties:

Appearance: White, solid flexible band

Vapour pressure: -

Odour: -

Vapor Density: -

Odour threshold: -

Density: -

pH:

Solubility in water: Insoluble

Melting point/freezingpoint: 330 - 345°C

Partition coefficient n-octanol/water: -

Initial boiling point and boiling range: -

Auto-ignition temperature: -

Flash point: -

Decomposition temperature: -

Evaporation rate: -

Viscosity: -

Flammability: -

Explosive properties: -

Upper / lower flammability or explosive limits vol.%: -

Oxidizing properties: -

Other information: -

-: Means no data or not applicable

## 10. Stability and reactivity

### Reactivity:

Stable under normal conditions.

### Chemical stability:

Stable under recommended storage conditions.

### Possibility of hazardous reactions:

Stable under normal conditions.

### Conditions to avoid:

None known.

### Materials to avoid:

None known.

**Hazardous decomposition products:**

None known.

## 11. Toxicological information

**Information on toxicological effects:**

Likely routes of exposure: Skin, lungs and gastrointestinal tract.

**Symptoms:****Inhalation:**

Under normal circumstances, there are no symptoms if inhaled. Inhalation of dust may cause slight irritation. If polytetrafluoroethylene is overheated (> 300 °C) smoke may be developed that can provide Teflon flu. Symptoms are flu-like with fever, headache, cough, nausea and vomiting. Symptoms often occur after 4-8 hours. If polytetrafluoroethylene is heated to over 450 °C, there may be severe lung damage if the smoke is inhaled.

**Skin:**

This product may cause irritation after repeated or prolonged contact with the skin.

**Eyes:**

This product may irritate the eyes.

**Ingestion:**

Ingestion may cause nausea and vomiting.

**Long-term effects:**

None known.

## 12. Ecological information

**Toxicity:**

There are insufficient data for an environmental classification of ingredients according to the Danish Environment Ministry criteria.

**Persistence and degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

**Results of PBT and vPvB assessment:**

Components are not PBT / vPvB according to the criteria in Reach Annex XIII.

**Other adverse effects:**

None known.

### 13. Disposal

**Waste treatment methods:**

This product is not considered hazardous waste. Use the municipal collection and removal system

**Chemical Group:**

x

**Waste fraction:**

05.00

**EAK code:**

20 03 01

### 14. Transport information

The product is not classified as hazardous with respect to transportation.

**UN-number:** -

**Transport hazard class (es):** -

**Environmental hazards:** None with respect to transport regulations

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

Not applicable.

**UN proper shipping name:-**

**Packing group:** -

**Special precautions for user:** -

### 15. Regulatory information

**Regulations / legislation specific for the substance or mixture with respect to safety, health and environment:**

None.

**Chemical Safety assessment:**

No CSA.

### 16. Other information

**Hazard Phrases referred to under sections 2, 3 and 16:**

None.

**Abbreviations:**

At = Arbejdstilsynet (The Danish Working Environment Authority)

CMR = Carcinogenitet, mutagenicitet og reproduktionstoksicitet

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DNEL = Derived No-Effect level

EC<sub>50</sub> = Effect Concentration 50%

LC<sub>50</sub> = Lethal Concentration 50%

LD<sub>50</sub> = Lethal Dose 50%

PBT= Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

**Litteratur:**

C&L Inventory database = Industrial list

IUCLID = International Uniform Chemical Database Information

ECHA = European Chemical Agency

**Training advice/instruction:**

The product should only be used by persons well instructed in the proper work procedure and who are familiar with the contents of this safety data sheet.

## 16. Other information

### Additional information:

The safety data sheet is prepared according to REACH Regulation (EC) No. 1907/2006.  
The safety data sheet is updated. Latest version: 27.09.2009. Original version 30.08.2007.

**Changes since the previous version:** Item 1-16.

### Classification of the substance or mixture according to CLP \*:

The product is not classified as hazardous under CLP.  
The product is not covered by the rules for classification and labeling.  
This product may cause irritation after repeated or prolonged contact with skin and eyes.

CLP \*: European Parliament and Council Regulation (EC) No 1272/2008

### Label elements:

#### Labelling according to CLP (1272/2008)

Eurofins Product Testing A/S on the 4th of November 2012 assessed that the product should not be classified by the European Parliament and Council Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP).

Other hazards: No known.

PBT/vPvB: Components are not PBT/vPvB according to the criteria in REACH Annex XIII.

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