

# Safety Data Sheet

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Issue Date: September 2015

ISSUED by UNASCO

Product Name **PINK PLUMBERS/INDUSTRIAL TAPE**

## 1. Identification

<b>GHS Product Identifier</b>	PINK PLUMBERS/INDUSTRIAL TAPE	
<b>Company Name</b>	UNASCO PTY LTD	<b>Emergency Telephone Number:</b>
<b>Address</b>	1 Amax Avenue Girraween, NSW 2145 Australia	Unasco Pty Ltd CCN710993 CHEMTREC: (USA & Canada): 800 424 9000 International: 703 741 5970
<b>Telephone/Fax Number</b>	<b>Non-Emergency</b> Tel: 800 713 4589 Fax: 707 238 1419	
<b>Recommended use of the chemical and restrictions on use</b>	Industrial tape.	

## 2. Hazard Identification

**Classification of the substance or mixture** Not classified as Hazardous according to the Globally Harmonized System of Classification and labeling of Chemicals (GHS).

## 3. Composition/information on ingredients

<b>Information on Composition</b>	This product contains the following ingredients:		
	-	Polytetrafluoroethylene	
	-	Distillates (petroleum), hydro-treated	
	-	Pigment	
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Ingredients determined not to be hazardous		100%

## 4. First-aid measures

<b>Inhalation</b>	Not considered a potential route of exposure. However, if inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
<b>Ingestion</b>	Unlikely due to form of product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye contact</b>	Not considered a potential route of exposure. However if in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
<b>First Aid Facilities</b>	Eyewash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use carbon dioxide, dry chemical or foam.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide, hydrogen fluoride and oxides of nitrogen.
<b>Specific hazards arising from the chemical</b>	Combustible. This product will readily burn under fire conditions.
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapors or fumes. Water spray may be used to cool down heat-exposed

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containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear appropriate personal protective equipment and clothing to prevent exposure. Collect the material and place into a suitable labeled container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid exposure. Use only in a well ventilated area. Keep containers tightly closed. Prevent the build up of dusts, mists or vapors in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry, well-ventilated area, out of direct sunlight. Ensure that storage conditions comply with applicable local and national regulations.

**Handling Temperatures** Recommended operating temperatures: -260°C (-436°F) to 260°C (500°F)

**Storage Temperatures** Store below 260°C (500°F).

## 8. Exposure controls/personal protection

**Occupational exposure limit values** No exposure value assigned for this material However, the available exposure limits for decomposition products are given below:

Substance	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
	3		2.6		Hydrogen fluoride Peak Limitation

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

**Biological Limit Values** No biological limits allocated.

**Appropriate engineering controls** Use with good general ventilation.

**Respiratory Protection** None required, when used as intended.

**Eye Protection** None required, when used as intended.

**Hand Protection** None required, when used as intended.

**Body Protection** Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended.

## 9. Physical and chemical properties

### Appearance

**Color** Solid polymeric film

**Odor** Pink

**Decomposition Temperature** Odorless

Not available

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<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	2.1
<b>PH</b>	Not applicable
<b>Vapor Pressure</b>	Not applicable
<b>Vapor Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Odor Threshold</b>	Not available
<b>Viscosity</b>	Not applicable
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Not flammable
<b>Auto-Ignition Temperature</b>	Not self igniting
<b>Explosion Limit - Upper</b>	Not applicable
<b>Explosion Limit - Lower</b>	Not applicable

## 10. Stability and reactivity

<b>Reactivity</b>	Reacts with incompatible materials.
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat and sources of ignition. Temperatures >260°C(500°F) without adequate ventilation.
<b>Incompatible Materials</b>	Strong oxidizing agents. Alkali metals, extremely potent oxidizers e.g. fluorine, chlorine tri-fluoride, 80% NaOH or KOH, metal hydrides such as boranes (e.g. B <sub>2</sub> H <sub>6</sub> ) aluminum chloride, ammonia, certain amines (R-NH <sub>2</sub> ) imines (RH-NH) and 70% nitric acid at temperatures near 260°C (500°F). Do not use on oxygen lines.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, hydrogen fluoride and carbon dioxide. Carbonyl fluoride is the main decomposition product formed when PTFE is subjected to extended exposure at normal sintering temperatures 400°C(752°F). Carbonyl fluoride is immediately converted to highly corrosive hydrogen fluoride in the presence of moist air.
<b>Possibility of hazardous reactions</b>	Reacts with incompatible materials.

## 11. Toxicological Information

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Ingestion</b>	No toxicity was observed in male/female rats fed PTFE (up to 25%) for 90 days. Local sarcomas were induced in mice and rats implanted subcutaneously or intraperitoneally with PTFE. However, this is not considered relevant to normal industrial usage.
<b>Inhalation</b>	Ingestion unlikely due to form of product. Ingestion of this product may irritate the gastric tract causing nausea and vomiting. No adverse effects expected. The material is not normally an inhalation hazard at temperatures below 260°C(500°F) as it remains an inert solid. However, exposure to thermal degradation products at temperatures above 260°C(500°F) or fumes from tobacco contaminated with particles of the product may result in polymer fume fever or influenza-like symptoms (chills, headaches, difficulty in breathing and fever). Symptoms may appear several hours after exposure but will disappear within

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<b>Skin</b>	24-48 hours. There are exposure standards for decomposition products. May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eye</b>	Eye contact may cause mechanical irritation. May result in mild abrasion.
<b>Respiratory sensitization</b>	Not expected to be a respiratory sensitizer.
<b>Skin Sensitization</b>	Not expected to be a skin sensitizer.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Polytetrafluoroethylene is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).
<b>Reproductive Toxicity STOT-single exposure</b>	Not considered to be toxic to reproduction.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to cause toxicity to a specific target organ.
	Not considered to be an aspiration hazard.

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## 12. Ecological information

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<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence and degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Other Adverse Effects</b>	Not available
<b>Environmental Protection</b>	Prevent this material entering waterways, drains and sewers.

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## 13. Disposal considerations

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<b>Disposal Considerations</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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## 14. Transport information

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<b>Transport Information</b>	Road and Rail Transport Not classified as Dangerous Goods.  Marine Transport (IMO/IMDG): Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.  Air Transport (ICAO/IATA): Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.
<b>IMDG Marine pollutant</b>	No

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## 15. Regulatory information

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<b>Regulatory Information</b>	Not classified as Hazardous according to the Globally Harmonized System of Classification and labeling of Chemicals (GHS).  Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
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## 16. Other Information

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