



Limpet Printed Tapes Limited
Bond House
Hardwicke Road
Great Gransden
Sandy
Bedfordshire
SG19 3BJ

Safety Data Sheet

This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

SECTION 1: SUBSTANCE IDENTIFICATION

TRADE NAME: PPL ACRYLIC
Product description: Polypropylene film coated with acrylic adhesive

PRODUCT UTILIZATION

The product is utilized for sealing the boxes or for any other way of packaging

SECTION 2: INGREDIENT COMPOSITION / INFORMATION

Unhealthy components: None

SECTION 3: DANGER IDENTIFICATION

This product is not considered dangerous according to the Rules 67/548/CEE, 99/45/CE and subsequent adjustments

SECTION 4: FIRST AID ASSISTANCE

INHALATION:

If the subject has inhaled some vapours released by the product overheating or by fire, he must be taken outside. If his conditions seem to be serious, a doctor must be called or he must be taken to the nearest First Aid Centre.

CONTACT WITH SKIN:

If the subject has been splattered with melted drops of material, the involved cutaneous zone must be cooled and the material must not be taken away.

CONTACT WITH EYES:

If subject's eyes are irritated because of product vapours, they have to be immediately irrigated for a period of 15 minutes, keeping the eyelids well open. If the irritation persists or in cases of eyes-aching a doctor must be called. If the condition of the subject seems to be serious, a doctor must be called or he must be taken to the nearest First Aid Centre.



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INGESTION:

Ingestion is not practically possible if not intentional

SECTION 5: FIRE - FIGHTING EXTINGUISHING MEASURES

Suitable Extinguishing means

Water and rain, chemical powders, foam, carbon dioxide

Specific dangers in the course of fire

The fire may cause the thermic decomposition of the product and there can be some irritant vapours for the respiratory tracts, the eyes and cutaneous zones

SECTION 6: PRECAUTIONS IN CASE OF ACCIDENTAL DISPERSION

Precaution for the persons:

No particular precautions are required for the product handling in case of accidental dispersion

Environmental precautions:

Unapplicable

Land reclamation methods

Collection of dispersed material and removal, if necessary

SECTION 7: HANDLING AND STORAGE

Handling:

No particular safety precautions are necessary if the product is utilized in places where regular industrial practice and personal hygiene are ensured. There may only be some risks from the exposure of the subjects to some vapours arising from the thermic decomposition of the product.

Storage:

Storage must be in a fresh and well aired place, far from direct sunlight and ignition sources

Particular employments:

The product is not destined to particular utilizations and employments



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SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Limit values for the exposure:

Threshold values (ACGIH 2005) of the products arising from the thermic decomposition:

Carbon monoxide	(CO)	TLV-TWA 25 ppm - 29mg/mc
Carbon dioxide	(CO ₂)	TLV-TWA 5000 ppm – 9000 mg/mc

Exposure control

The temperatures causing product thermic decomposition (330°C) must be avoided since the could exhale toxic fumes such as carbon monoxide and carbon dioxide

Professional exposure control

No particular information regarding the professional exposure is necessary

Environmental exposure control

No particular precautions regarding the rules for environmental protection are necessary

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Colour:	Transparent, White, Brown, Coloured tapes in general
Smell:	Typical

Important information on human health and the environment

PH:	Unapplicable
Boiling Point:	Unapplicable
Inflammability Point:	350°C
Explosure Properties:	Unapplicable
Comburent Properties:	Unapplicable
Vapour Pressure:	Unapplicable
Relative Density:	0,94 – 0,96 gr/cm ³
Solubility in Water:	Unapplicable
Solubility in Org. solvent:	Unavailable
Viscosity:	Not Applicable
Vapour Density:	Unapplicable
Evaporation Speed:	Unapplicable

Other information

Conductivity (PPL)	10 – 17 ohm x cm
Melting point (PPL)	160 - 170°C
Autoignition temperature (PPL)	>300°C



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SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO BE AVOIDED

Product must be kept at room temperature

MATERIALS TO BE AVOIDED

While burning, the product could release drops able to excite inflammable materials

DANGEROUS DECOMPOSITION PRODUCTS

With the thermal decomposition, Toxic Vapours such as carbon oxide and carbon dioxide are released.

SECTION 11: TOXICOLOGICAL INFORMATION

Penetration tracts	Vapours inhalation or ingestion
Ingestion	Rat LC 50: 5.000 mg / Kg
Cutaneous contact	Rabbit LD 50: 5.000 mg / Kg
Eyes contact	The product vapours have a slightly irritant effect for the Rabbit
Immediate retarding effects	The product has no unhealthy long term risks for brief or longer exposures, if it is utilized under normal utilization and hygiene conditions.

No effect has been noticed from the utilization of the product as far as following phenomena are concerned:

Cancerogenous effects, mutagenicity or reprotoxicity

SECTION 12: ECOLOGICAL INFORMATION

The product is absolutely inactive and is not toxic

SECTION 13: DISPOSAL CONSIDERATIONS

The product has to be removed in compliance with the national or local waste material regulations. The best removal ways for this product are the following ones:

- Recycling of material to be destined to other utilizations
- Incineration in Energy Incinerators
- Dump

SECTION 14: TRANSPORT INFORMATION

Road Transport (ADR)	Not regulated (Not dangerous for transport)
Railway Transport (RID)	Not regulated (Not dangerous for transport)
Sea Transport (IMDG/IMO)	Not regulated (Not dangerous for transport)
Air Transport (ICAO/IATA)	Not regulated (Not dangerous for transport)



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SECTION 15: RULES INFORMATION

This product is not classified in compliance with the Rules 67/548/CEE, 1999/45/CE and subsequent adjustments

SECTION 16: OTHER INFORMATION

Data Source:
ACGH, AIDII, Italian reference Rules

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