



SAFETY SHEET

PPL ACRYLIC

ITEMS FAMILY: 40 – 49 – 50 – 80 - 63

Edition : 2nd
Revision: 2
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1 SUBSTANCE AND COMPANY IDENTIFICATION

- **Substance identification**

Trade name : Items 40, 49, 50, 63, 80

Product description: Adhesive tape made with BOPP polypropylene film and acrylic adhesive

- **Product utilization**

The product is used for sealing the boxes or for any other way of packing

- **Company identification**

Company: MAC autoadesivi S.r.l.
Address : Via Prov. Limitese 50,52,54
50050, Capraia e Limite (FI) Italy
Phone no. 0571 59491
Fax: 0571 583357

- **Emergency phone number**

Emergency phone number : 0571 59491

2 DANGERS IDENTIFICATION

Smell Typical acrylic adhesive
Physical form Solid

- **Dangers for human health and for the environment**

This product is not considered dangerous to the Rules 67/548/CEE, 99/45/CE and the CLP regulation.

If the product is used for its proper function (packing in general) it is not dangerous for the human health and for the environment. On the contrary if the product is used for a different aim, degrade of the performance and potential dangerous situation can occur.

3 INGREDIENTS COMPOSITION / INFORMATION

Ingredients	C.A.S. No.	% in weight
Polypropilene Film	No	50-99
Acrylic water based adhesive	No	1-49
Pigment in acrylic dispersion	No	0-4

4 FIRST AID ASSISTANCE

- **Inhalation**

There are no dangers due to the inhalation of vapours of the product at room temperature in its standard physical form.

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**

There are no dangers due to the contact of the product at room temperature in its standard physical form.

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

- **Contact with eyes**

There are no dangers due to the contact of the product with eyes at room temperature in its standard physical form.

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 case of eyes-ache, a doctor must be called. If the conditions of the subject seem to be serious a doctor must be called or he must be taken to the nearest First Aid Centre.

- **Ingestion**

Ingestion is not practically possible if not intentional.

5 FIRE – FIGHTING EXTINGUISHING MEASURES

- **Property**

Auto ignition temperature	Unapplicable
Flash point	Unapplicable
Explosion limit	Unapplicable

- **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.

- **Protective systems for firefighting operator**

The firefighting operators have to use the right equipment for the protection of the respiratory tracts, the eyes and cutaneous zones.

6 PRECAUTIONS IN CASE OF ACCIDENTAL DISPERSION

- **Precautions 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

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. Prevent the build-up of electrostatic charges

- **Particular employments**

The product is not destined to particular utilizations and employments

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 25ppm-29mg/mc

Carbon dioxide (CO₂)

TLV-TWA 5000 ppm – 9000 mg/mc

- **Exposure control**

The temperatures causing product thermic decomposition (330°C) must be avoided since they 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

9 PHYSICAL AND CHEMICAL PROPERTIES

- **General information**

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/cm³
Solubility in water: Unapplicable
Solubility in Org.solvent: Unavailable
Viscosity: Unapplicable
Vapour density: Unapplicable
Evaporation speed: Unapplicable

- **Other information**

Conductivity (PPL): 10-17 ohm x cm
Melting point (PPL): 160-170° C
Auto ignition temperature (PPL): >300°C

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 melted drops able to excite inflammable materials

- **Dangerous decomposition products**

After the thermal decomposition of the product toxic fumes such as carbon monoxide and carbon dioxide are generated

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 used 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.

12 ECOLOGICAL INFORMATION

The product is absolutely inactive and is not toxic. The product is in compliance with the Rules 94/62/EC and later modification and/or integration.

13 OBSERVATIONS ON PRODUCT REMOVAL

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 utilization, incineration in energy recycling, incineration dump.

14 INFORMATION ON THE WAY OF TRANSPORT

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)

15 RULES INFORMATION

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

16. OTHER INFORMATION

Data Source:
ACGH, AIDII, Italian and European reference Rules