

1. PRODUCT IDENTIFICATION**MANUFACTURER, IMPORTER OR DISTRIBUTOR IDENTIFICATION**

1.1. Data concerning the product:	Self-adhesive foam tape APP- 3D Tape 13mm x 50m
1.2. Intended use:	Self-adhesive foam tape for protecting gaps e.g. between doors and car body. It prevents lacquer penetration into the painted vehicle.
Distributor:	APP no.: 070350. AUTO – PLAST PRODUKT Sp. z o. o. Ul. Przemysłowa 10, 62 – 300 Września Tel. +48 (061) 437 00 00 Fax. +48 (061) 437 91 37 Mail: app@app.com.pl www: www.app.com.pl
Emergency telephone:	Tel. +48 (061) 437 00 00 Current safety data and technical information available at the website.
Date of MSDS preparation:	01.12.2008 r.

2. HAZARDS IDENTIFICATION

Pursuant to the regulations in force (see p. 15) the product is classified as hazardous.

2.1. Physical and chemical hazards:

- flammable solid
- liberates toxic gases in the conditions of fire

2.2. Hazard to health:

- product is not dangerous for human health and life
- chronic inhalation of polyurethane dust may cause lungs infection, fibrosis and inflammatory states of upper respiratory system
- dust particles may cause mechanical eyes irritation

2.3. Hazard to the environment:

- the substance is classified as very hazardous to the environment
- avoid release to the environment
- refer to special instructions/safety data sheets

3. COMPOSITION AND INFORMATION ON COMPONENTS

Product classification and marking was presented pursuant to the Act on chemical substances and preparations dated 11th January 2001, on the basis of the data provided by the manufacturer.

3.1. Product ingredients:

Chemical characteristics: glue on the substrate.

Glue is polymerized polyurethane, crosslinked with polyetheropolyol on the polyester substrate.

Product does not contain ingredients dangerous for human health and life.

4. FIRST AID MEASURES**4.1. General recommendations:**

If any non-desirable symptoms occur, call the doctor immediately or take injured to hospital, show the product packing, label or MSDS.

4.2. First aid in case of inhalation exposure:

- not dangerous

4.3. First aid in case of eye contamination:

- flush contaminated eyes, with eyelids open, with a lot of running water, for 10-15 minutes, avoid strong water jet which may cause the risk of damaging cornea
- do not use any liquids for rinsing eyes or any ointments before medical consultation
- in case if the injured person uses contact lenses, remove them
- medical attention necessary

4.4. First aid in case of skin contamination:

- not dangerous in room temperature
- in case of use in elevated temperature wash skin with cold water and soap
- do not tear off from the skin
- get medical attention

4.5. First aid in case of swallowing:

- in case of swallowing call the physician

5. FIRE FIGHTING MEASURES

5.1. Fire hazards:

- flammable solid
- liberates toxic gases in fire

5.2. Recommended extinguishing media:

- carbon dioxide (CO₂)
- extinguishing powders
- foams resistant to alcohol
- water – dispersed currents

5.3. Special hazards:

- Containers expose to fire or high temperature cool with water, from a safe distance, and if this is not possible, remove them from hazard area
- during the burning of the product smoke containing chemical substances hazardous to health such as carbon monoxide and carbon dioxide, are created

5.4. General advice:

- Alarm about fire
- remove all people who do not take part in rescue operation from danger zone
- if the need arises, order evacuation
- avoid inhaling the smoke
- remove all sources of ignition
- Wear protective clothing and use protective equipment
- protect respiratory tract
- cool containers exposed to contact with fire with water
- do not let extinguishing media enter the sewage system

5.5. Hazardous products of combustion:

- carbon monoxides
- toxic fumes and smokes

5.6. Personal protection:

- self-contained breathing apparatus and protective clothing

6. ACCIDENTAL RELEASE MEASURES**6.1. General advice:**

- not dangerous

6.2. Personal protection:

- not dangerous

6.3. Environmental precautions:

- not dangerous

6.4. Cleaning procedures:

- collect released material and reuse it, or utilize according to par. 13

7. HANDLING AND STORAGE**7.1. Handling the product:**

- do not eat, drink and smoke when handling the product, except for the places designed for this; wash hands before the breaks and after work, if necessary use hand cream
- do not allow for the contamination of skin, eyes and clothing

7.2. Storage:

- do not use open fire near the stored product
- eliminate possibility of static charges accumulation. Use proper earthing
- protect product from elevated temperatures and direct sunlight
- store product in temperatures below 35°C
- protect from moisture
- assure ventilation during storing
- protect from strong oxidizers and other substances, which react with product
- assure safe arrangement of palletised units or product in other packages
- store product in dry rooms, in original packages, minimum 1 m from heating devices
- storage height should not be greater than 1.5 m

7.3. Requirements concerning the room:

- cool, dry and well ventilated

7.4. Package:

- for safety reasons, it is recommended to store the product in original packages
- protect packages from mechanical damage

8. EXPOSURE CONTROL AND PERSONAL PROTECTION**8.1. Hazard to health:**

Employees' medical tests and tests and measurements of harmful substances to be carried out pursuant to the regulations in force.

8.2. Personal protection:

- Thoroughly wash the whole body after work
- Wash contaminated clothing and footwear before another use

8.3. Hazard to health:

Pursuant to the regulation of the Minister of Labour and Social Policy dated 29th November 2002 (Dz. U. no. 217 item 1833) with the amendment (Dz. U. No. 212 item 1769 dated 2005.):

- product does not contain ingredients requiring exposition control

9. PHYSICAL AND CHEMICAL PROPERTIES

	FOAM	GLUE
form, appearance,:	solid body	solid body
colour:	according to indicated on the label	transparent
odour:	odourless	odourless
pH:	n/a	n/a
boiling point:	n/a	n/a
melting point:	not determined	not determined
burning temperature:	not determined	not determined
flash point:	>317°C	>250°C
autoignition temperature:	370 ÷ 427°C	not determined
combustibility:	flammable solid body	flammable solid body
explosive properties:	The product is not endangered with explosion	The product is not endangered with explosion
hazard danger boundaries:		
- lower:	-	-
- upper::	-	-
oxidizing properties:	none	none
vapour pressure:	n/a	n/a
density:	0,6 g/cm ³	1,0 g/cm ³
vapour density:	n/a	n/a
solubility:		
- in water:	does not mix	does not mix
- in organic solvents:	does not mix	does not mix
Distribution ratio n- octanol/water:	n/a	n/a

10. STABILITY AND REACTIVITY**10.1. Stability:**

- stable in normal conditions of application and storage
- stable in temperatures from -40°C to +120°C

10.2. Conditions to avoid:

- product is resistant to light, oils and solvents

10.3. Materials to avoid:


- strong oxidizing agents

10.4. Hazardous products of decomposition/combustion:

- carbon monoxides
- toxic gases and smokes

11. TOXICOLOGICAL INFORMATION**11.1. Hazards to health:**

- product is not dangerous for human health and life
- chronic inhalation of polyurethane dust may cause lungs infection, fibrosis and inflammatory states of upper respiratory system

	MATERIAL SAFETY DATA SHEET	
	Preparation date: 2008-12-01	Self-adhesive foam tape

- dust particles may cause mechanical eyes irritation

Toxic doses and concentrations:

LD50 (rat, orally): >5000 mg/kg

12. ECOLOGICAL INFORMATION

12.1. Hazards for the environment:

- product is not classified as dangerous for environment
- Avoid release to the environment
- Refer to special instructions/safety data sheets
- product is insoluble in water
- product does not cause bio-accumulation
- product is hardly biodegradable

12.2. Ecotoxic influence:

- no data

Do not allow for surface and underground water or ground contamination. Follow the regulations. Do not allow for environment infiltration. Properly used product poses no threat for environment. Do not allow for surface and underground water or ground contamination. Do not introduce into sewage system. Do not remove product to sewers or water races.

13. DISPOSAL CONSIDERATIONS

13.1. Waste material proceedings:

Do not dispose in the sewage system. Do not let any material enter surface water, ground water and soil.

Small quantities (at the consumer's) treat as household waste.

Do not dispose large quantities of waste material in the sewage system. Utilize in authorized incineration plants or waste utilization plants, pursuant to the regulations in force (see item 15).

13.2. Waste code:

07 02 Waste from production, preparation, circulation and application of plastics, rubbers and synthetic fibres

07 02 13 Plastic wastes.

14. TRANSPORT INFORMATION

14.1. Road transport:

Product is not dangerous in range of road transport regulation.

15. REGULATORY REGULATION

Classification and marking of the substance was given pursuant to the Act on chemical substances and preparations dated 11th January 2001, on the basis of the data delivered by the manufacturer.

Product is not classified as dangerous, dangerous products labelling regulations do not apply to it.

Package marking:

Warning marks:

None

Hazard phrases:

None

Phrases indicating conditions of safe usage:

None

The characteristics card is available on demand for professional users.

Valid regulations:

1. Decree of European Council no. 1907/2006 from 16.12.2006 regarding registering, evaluation, certification and authorizations in range of chemicals (REACH), creation of European Chemicals Agency, changing Directive 1999/45/EC and cancelling decree of Council no. 793/93 and decree of Commission no.1488/94, as well as directives 76/769/EC, 91/155/EC, 93/67/EC, 93/105/EC and 2000/21/EC (30.12.2006 PL Official Journal of European Union L 396/1)
2. Act from 11.01.2001 regarding chemical substances and products (Journal of Laws No. 11 pos. 84 from 2001) with later changes.
3. Act from 27.04.2001 regarding wastes (Journal of Laws No.62 pos. 628 from 2001) with decree of Minister of Environment (Journal of Laws No. 152 pos. 1735 – 1737 from 2001)
4. Act dated 11th May 2001 on package and package waste (Dz. U. No. 63, item 638 dated 2001) with subsequent amendments
5. Proclamation of the Marshal of the Parliament of the Republic of Poland dated 4th July 2006 on announcing single text of the act - Environment Protection Law (Dz. U. No 129 item 902 dated 2006)
6. Act dated 28th October 2002 on land transport of hazardous materials (Dz. U. No 199 item 1671 dated 2001) with subsequent amendments
7. The Regulation of the Minister of Health dated 30th April 2004 on dangerous substances and chemical preparations whose packages shall have closures protecting against opening by children and warning label recognized with fingers. (Dz. U. No. 128, item 1348 dated 2004.)
8. Regulation of Minister of Health of 2nd September 2003 on marking of dangerous substance and preparation packages (Dz. U. No 173 item 1679 dated 2003) with subsequent amendments of 9th November 2004 (Dz. U. No 260 item 2595 dated 2004)
9. Regulation of Minister of Health of 2nd September 2003 on criteria and classification method for chemical substances and preparations (Dz. U. No 171 item 1666 dated 2003) with subsequent amendment of 9th October 2004 (Dz. U. No 243 item 2440 dated 2004)
10. Decree of Minister of Health from 13.11.2007 regarding characteristics card (Journal of Laws No. 215 pos. 1588 from 2007)
11. Regulation of Minister of Health dated 28th September 2005 on the list of dangerous substances with their classification and marking (Dz.U. No.

- 201, item 1674 dated 2005.)
12. Regulation of the Minister of Labour and Social Policy dated 29th November 2002 on the highest allowed concentrations and intensity of agents harmful to health in the work environment (Dz. U. No. 217, item 1833 dated 2002). with the amendment (Dz. U. No 212 item 1769 dated 2005.)
 13. Government announcement dated 26th July 2005 on the annexes A and B of the European Agreement concerning international transport of hazardous materials, coming into force (ADR), prepared in Geneva dated 30th September 1957 (Dz. U. No. 178, item 1481 dated 2005)
 14. Regulation of the Minister of Environment dated 27th September 2001 on waste catalogue (Dz. U. 2001 No 112 item 1206.)
 15. Regulation of the Minister of Labour and Social Policy dated 11th June 2002 amending the regulation on general work health and safety regulations (Dz. U. No. 91, item 811 dated 2002.)
 16. Regulation of the Minister of Economy dated 9th June 2006 amending the regulation on the minimum requirements concerning work health and safety of the employees employed at work stations where explosion may occur (Dz. U. No. 121 item 836 dated 2006.)
 17. Regulation of the Council of Ministers dated 30th July 2002 amending the regulation on the list of works forbidden to women (Dz. U. No. 127, item 1092 dated 2002.)
 18. Regulation of the Minister of Health dated 20th April 2005 on the tests and measurements of agents harmful to health in the work environment (Dz. U. dated 73, no. 73, item 645 dated 2005.)
 19. Regulation of the Minister of Health and Social Welfare dated 30th May 1996 on conducting medical tests of employees, the scope of prevention in health care of the employees and doctor's statements issued for the purposes stated in the Labour Code (Dz. U. No. 69 item 332 dated 1996) with subsequent amendments (Dz. U. No 37 item 451 and Dz. U. No. 128, item 1405 dated 2001.)
 20. Regulation of the Council of Ministers dated 24th August 2004 on the list of works forbidden to the juvenile and the conditions of employing them at some works (Dz. U. No. 200 item 2047 dated 2004) with subsequent amendments (Dz. U. No 136 item 1145 dated 2005.)
 21. Regulation of Minister of Economy and Labour dated 5th July 2004 on the limitations, bans or production conditions, trading or the use of hazardous substances and preparations and the products containing them (Dz. U. No. 168 item 1762 dated 2004) with subsequent amendments (Dz. U. No 39 item 372 dated 2005 and Dz. U. No. 127, item 887 dated 2006.)
 22. Regulation of the Minister of Health dated 1st December 2004 on substances, preparations, factors or technological processes with carcinogenic or mutagenic in the work environment (Dz. U. No. 280 item 2771 dated 2004). with subsequent amendments (Dz. U. No 160 item 1356 dated 2005.)
 23. Act dated 29th July 2005 on counteracting drug abuse (Dz. U. No. 179, item 1485 dated 2005) with the amendment (Dz. U. No. 120, item 826 dated 2006 and the Regulation (EC) No. 273/2004 of the European Parliament and the Council dated 11th February 2004. on the precursors of drugs (Dz. Urz. EC L 047 dated 18th February 2005) and the Regulation (EC) and the Council No. 111/2005 dated 22nd December 2004 defining the principles of supervising the trade with drugs precursors between the Community and the third countries (Dz. Urz. EC L 22 dated 26th January 2005, page 1; Dz. Urz. EC Polish special issue dated 2005, volume 48, page 1).

16. OTHER INFORMATION

Employees' medical tests and tests and measurements of the harmful factors to be made pursuant to the valid regulations.

This material safety data sheet was prepared pursuant to the data coming from the MSDS provided by the manufacturer. The above information was prepared on the basis of current knowledge and experiences. It does not guarantee of the property of the product or quality specification and cannot be the basis for the complaint.

The product should be transported, stored and applied pursuant to the regulations in force and good practice and hygiene of work.

The manufacturer does not bear responsibility for any losses arising directly or indirectly from the application of the above interpretation of the regulations or instructions..

The presented information cannot be applied for the mixtures of the product with other substances. The use of information given and the application of the product are not controlled by the manufacturer so it is the user's obligation to create adequate conditions for safe handling the product.

MSDS was prepared by **CHEM-NET S.C. 91-716 Łódź, Nowopolska 9A** www.chem-net.info, at the order of **AUTO – PLAST PRODUKT Sp. z o. o.** MSDS was prepared pursuant to domestic regulations currently in force. The preparation of this MSDS was based on current knowledge and experiences.