

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

1.1. Data concerning the product:	Protective foil 7 mic in 4 x 5m sheets
1.2. Intended use:	Protective foil for protecting all kinds of objects, devices e.g. cars from getting dirty, covering with dust, wetting APP no.: 070702.
Distributor:	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 e-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:	07.11.2008 r.

2. HAZARDS IDENTIFICATION

Pursuant to the regulations in force (see item 15) the product is not classified as hazardous.

2.1. Physical and chemical hazards:

- the product is a combustible solid
- liberates toxic gases in the conditions of fire

2.2. Hazard to health:

- The product does not cause hazard to human health and life

2.3. Hazard to health:

- the product is not classified as 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. Hazardous components:

Chemical characteristics: High density polyethylene (HDPE)

CAS number (for polyethylene): 9002 - 88 - 4

The product does not contain component causing hazard to 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:

- the product is not hazardous

4.3. First aid in case of eye contamination:

- the product is not hazardous

4.4. First aid in case of skin contamination:

- the product is not hazardous

4.5. First aid in case of swallowing:

- the product is not hazardous

5. FIRE FIGHTING MEASURES**5.1. Fire hazards:**

- the product is a combustible 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:**

- the product is not hazardous

6.2. Personal protection:

- the product is not hazardous

6.3. Environmental precautions:

- the product is not hazardous

6.4. Cleaning procedures:

- Gather and recycle the released material.

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 the possibility of gathering electrostatic charges Use adequate earthing
- Protect the product from the action of high temperature and direct effect of sunlight
- protect from the influence of moisture
- Ensure ventilation at storage
- Protect from the action of strong oxidizers and other substances reacting with the material
- ensure safe arrangement of palletized units or product in other packages
- the product should be stored in dry rooms, in original packages, at the distance at least 1m from heating devices
- Storage height should be up to 1.5m.

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 amendments (Dz. U. No. 212 item 1769 of 2005; Dz. U. No. 161 item 1141, 1142 of 2007):

- the product contains no components for which exposure control is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

form, appearance,:	solid in the form of granulate
colour:	in accordance with the one placed on the label
odour:	Odour-free
pH:	does not apply
boiling point:	does not apply
melting point:	50 ÷ 140°C
burning temperature:	not determined
flash point:	>360°C
autoignition temperature:	The product is not self-igniting
combustibility:	combustible solid
explosive properties:	The product is not endangered with explosion
hazard danger boundaries:	
- lower:	-
- upper:	-
oxidizing properties:	none
vapour pressure:	not determined
density:	0,90 ÷ 0,97 g/cm ³
vapour density:	does not apply
solubility:	
- in water:	does not dissolve
- in organic solvents:	does not dissolve
Distribution ratio n- octanol/water:	does not apply

10. STABILITY AND REACTIVITY

10.1. Stability:

- stable in normal conditions of application and storage

10.2. Conditions to avoid:

- decomposition above the temperature of 300°C

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:

- The product does not cause hazard to human health and life
- Research conducted on rats, dogs and pigs (50 ÷ 90 days, additive to food in the amount of 1% ÷ 20% polyethylene in the form of powder) did not demonstrate any negative influence on health
- Carcinogenic, mutagenic and reprotoxic action of the product should not be expected

12. ECOLOGICAL INFORMATION

12.1. Hazards for the environment:

- the product is not classified as hazardous to the environment.
- Avoid release to the environment.
- Refer to special instructions/safety data sheets
- Product is not soluble in water.
- The product is not subject to bioaccumulation
- The product is not biodegradable

12.2. Ecotoxic action:

- Not defined

Do not let any material enter surface water, ground water and soil. Proceed pursuant to the regulations. Do not let the product enter natural environment. Properly used product does not cause danger to the environment. Do not let any material enter surface water, ground water and soil. Do not dispose in the sewage system. It is forbidden to dispose of the product to sewers or water courses.

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 coming from production, preparation, turnover and usage of plastics, rubbers and synthetic fibres

07 02 13 Plastics waste

14. TRANSPORT INFORMATION**14.1. Road transport:**

The product does not cause danger in the light of road transport regulations.

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.

The product was not classified as hazardous, the regulations on labelling hazardous substances do not apply.

Package marking:**Warning marks:**

none

Hazard phrases:

none

Phrases indicating conditions of safe usage:

none

MSDS available at the order of the user running business activity.**Regulations in force:**

1. Regulation (EC) no. 1907/2006 of the European Parliament and European Council dated 18th December 2006 on the registration, assessment, granting permits and applied restrictions in the scope of chemicals (REACH) the establishment of the European Chemicals Agency amending directive 1999/45/EC and repealing the regulation of the Council (EEC) no. 793/93 and the regulation of the Commission (EC) no. 1488/94, as well as the Council directive 76/769/EEC and the Commission's directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (correction Dz. Urz. Of the European Union, L 396/1)
2. Act dated 11th January 2001 on chemical substances and preparations (Dz. U. No 11 item 84 dated 2001) with subsequent amendments
3. Act dated 27th April 2001 on waste (Dz. U. No 62 item 628 dated 2001) together with the Regulation of the Minister of the Environment (Dz. U. No 152 item 1735-1737 dated 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 the amendment of 9th November 2004. (Dz. U. No 260 item 2595 of 2004) with the consideration of the Commission Directive 2006/8/EC of 23rd January 2006
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 the amendment of 4th July 2007. (Dz. U. No 174 item 1222)
10. Regulation of the Minister of Health dated 13th November 2007 on material safety data sheet (Dz. U. No. 215 item 1588 of 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 of 2005; Dz. U. No. 161 item 1141, 1142 of 2007):
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. Rozporządzenie Ministra Zdrowia z dnia 1 grudnia 2004r. w sprawie substancji, preparatów, czynników lub procesów technologicznych o działaniu rakotwórczym lub mutagennym w środowisku pracy (Dz. U. Nr 280 poz. 2771 z 2004r.) z późniejszymi zmianami (Dz. U. Nr 160 poz. 1356 z 2005r.)
 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.