

1. PRODUCT IDENTIFICATION**MANUFACTURER, IMPORTER OR DISTRIBUTOR IDENTIFICATION****1.1. Data concerning the product: APP 2K HS-HARTER****1.2. Intended use:** APP 2K Acrylic Primer Hardener - HARTER FHN 250 –ordinary.

APP No.: 020518,020519,020520,020521.

Distributor: AUTO – PLAST PRODUKT Sp. z o. o.

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Current safety data and technical information available at the website.

**Date of MSDS preparation:** 14.01.2008**2. HAZARDS IDENTIFICATION****Pursuant to the regulations in force (see p. 15) the product is classified as hazardous.****2.1. Physical and chemical hazards:**

- product is a flammable liquid
- vapours create flammable and explosive mixtures with air
- vapours may float from the source of ignition and return in the form of flame
- heating up, spark or contact with fire may cause ignition
- liberates toxic gases in the conditions of fire

2.2. Hazard to health**Product includes isocyanates. Before use read manual operation.**

- the product is harmful
- harmful for respiratory tract and when in contact with skin
- the product is irritant
- Irritating action on eyes and skin
- Repeated exposure may cause skin dryness or cracking.
- vapours may cause drowsiness and dizziness
- isocyanate included in the product may cause allergenic effect

2.3. Hazard to the environment.

- the substance 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

Classification and labelling of the preparation was provided according to the act on chemical substances and preparations as of 11 January 2001 and on the basis of data delivered by the manufacturer.

3.1. Hazardous components:

No.	EC no.(EINECS)	Product name:		
	CAS no.	R phrase	Classification	Contents [%]
	Index no.			
1.	215-535-7	Xylene- mixture of isomers		
	1330-20-7			
	601-022-00-9	R10; R20/21; R38	Xn; Xi	25÷50
2.	205-500-4	Ethyl acetate		
	141-78-6			
	607-022-00-5	R11; R36; R66; R67	F; Xi	10÷25

The meaning of symbols and contents of R phrases – see item 16.

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:

- take the injured person to a well ventilated room
- place the injured person in half-lying position, loose clothing, make sure that there are no objects or secretion impeding breathing, in the mouth
- prevent heat loss

- if breathing has stopped give oxygen or administer artificial respiration
- medical attention necessary

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

Notice: Persons exposed to eye contamination should be advised about the necessity and method of immediate washing the eyes.

4.4. First aid in case of skin contamination:

- take off dirty clothing immediately
- do not use any solvents or diluents for washing skin
- wash skin exposed to contact with the product, or only suspected to be exposed, with plenty of water with soap
- get medical attention.

4.5. First aid in case of swallowing:

- rinse mouth with a lot of running water
- Do not give an unconscious person anything to drink
- do not induce vomiting
- medical attention necessary

Caution: Position the unconscious person in recovery position, ensure quiet, prevent heat loss, control breathing and pulse. Do not induce vomiting and give anything to drink to unconscious or intoxicated person.

5. FIRE FIGHTING MEASURES

5.1. Fire hazards:

- product is flammable liquid
- vapours create flammable and explosive mixtures with air
- vapours may float from the source of ignition and return in the form of flame
- heating up, spark or contact with fire may cause ignition
- liberates toxic gases in fire

5.2. Recommended extinguishing media:

- carbon dioxide (CO₂)
- extinguishing powders
- foams resistant to alcohol
- water – dispersed currents
- in case of fire of preparations containing isocyanates it is allowed to use fire foams resistant to alcohol or water only in cases of huge fire and fire spreading. Do not apply water jet on product surface.

5.3. Not recommended extinguishing media:

- water – strong jet

5.4. Special hazards:

Caution: Prevent penetration into tanks.

- 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
- the explosion of the container may occur in the conditions of fire

5.5. 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

5.6. Hazardous products of combustion:

- carbon monoxides
- nitrogen oxide
- hydrogen cyanide and cyanides
- toxic fumes and smokes

5.7. Personal protection:

- self-contained breathing apparatus and protective clothing
-

6. ACCIDENTAL RELEASE MEASURES

Notice: *Explosion endangered area - vapours create flammable and explosive mixtures with air*

Caution: *Contaminations or humidity result in reaction of isocyanate and release of carbon dioxide, what may result in container pressure increase.*

6.1. General advice:

- in case of releasing large amounts, notify competent services about the accident
- in case of releasing large amounts, remove all people who do not take part in repairs from danger zone

6.2. Personal protection:

- when removing large amounts of the product, wear self-contained breathing apparatus with a mask
- when removing, do not breathe in product vapours
- avoid contact with releasing product
- use protective gloves and protective clothing
- Apply tight protective goggles with side cover or an adequate protective mask

6.3. Detailed advice:

- remove all sources of ignition
- do not smoke

6.4. Environmental precautions:

- Eliminate spillage (shut off liquid flow, seal, damaged container put in emergency container)
- avoid the contamination of groundwater, protect sink basins
- do not let the product enter the sewage system or draining system
- if the product reached the water or draining system, contaminated the earth or flora, notify competent services

6.5. Cleaning procedures:

- small amounts of released product wipe with paper or a cloth, put in a closed, properly marked container
- bigger amounts of released product cover up with inflammable absorbing material (sand, diatomaceous earth, universal binding material), put in a closed, properly marked container
- in case of big spillage, embark the place where the liquid accumulates
- eliminate all possible sources of ignition, do not smoke
- collected absorbing materials also create fire hazard
- air the rooms which the product reached
- wash the place of spillage after removing the material
- wash contaminated surface and tools with the solution of the following composition:
 - water 45% obj.
 - etanol or isopropanol 50% obj.
 - ammonia; water solution of 0.88 g/cm³ density 5% obj.
- or:
 - Sodium carbonate 5% obj.
 - water 95% obj.
- In case of the above solutions wash the surface where spillage followed, if the material was removed collected

7. HANDLING AND STORAGE

Notice: *Explosion endangered area - vapours create flammable and explosive mixtures with air*

Caution: *Contaminations or humidity result in reaction of isocyanate and release of carbon dioxide, what may result in container pressure increase.*

7.1. Handling the product:

- vapours create flammable and explosive mixtures with air ;when handling the preparation ensure efficient air change (general ventilation and local exhaust ventilation); do not for generation of product vapour concentration in air over limit values specified in industrial safety regulations; prevent formation of product aerosols
- ventilation and wiring systems must meet requirements regarding fire safety or explosion
- product may cause static discharge, what may result in electrical discharge and fire– provide precaution, used equipment and tools shall be earthed
- Do not inhale the product vapours, avoid direct contact of product with skin and eyes; use adequate personal protection measures
- do not allow the contact of the product with hot surface or flame, do not work near the sources of ignition, do not use sparking tools, absolute ban on smoking
- Do not heat, cut and crush packages with the preparation or its remains
- provide easy access to extinguishing media and the equipment necessary to remove the spillage of the product
- handle the product pursuant to the general principles of work health and safety concerning chemical substances; strictly follow the proceeding procedures; when handling the product, apply general work health and safety regulations contained in the Regulation of the Minister of Labour and Social Policy dated 30th December 2004 (Dz. U. no. 11 dated 2005, item 81186 observe the advice included in the instructions provided by the manufacturer
- 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
- avoid long-term and repeated exposure
- work in ventilated rooms

7.2. Storage:

- store the product in cool, dry and well ventilated rooms, meeting the requirements of the regulations on fire-fighting work and safety
- optimum storage temperature from 15 °C to 25 °C
- previously opened containers store vertically to make the leakage of the product impossible
- Protect the containers before direct action of sunlight, sources of heat, keep away of the sources of ignition; ban on smoking in the warehouse
- do not store near food
- do not let water enter the container

7.3. Requirements concerning the room:

- dry and well ventilated.

7.4. Package:

- for safety reasons, it is recommended to store the product in original packages
- Store in tightly closed, adequately marked containers
- 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.

Pursuant to the regulation of the Council of Ministers dated 30th July 2002 on the list of works forbidden to women (Official Journal no. 127 dated 2002, item 1192), pregnant women and breast-feeding women are forbidden to perform operations if organic solvents concentration exceeds 1/3 value of permitted values

Pursuant to the Regulation of the Council of Ministers as of 30 July 2002 amending the regulation on the list of works forbidden to the juvenile (Official Journal No. 127 item . 1091 from 2002) it is forbidden for juveniles to perform any work that results in contact with isocyanates and diisocyanates.

8.2. Precautions:

- eye wash station and shower
- Store and use well ventilated room.

8.3. Personal protection:

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

8.4. 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) as amended (Official Journal No. 212 item 1769 from 2005; Official Journal No. 161 item 1141, 1142 from 2007):

No.	CAS no.	Chemical substance name:	Highest admissible concentration in mg/m ³ depending on time of exposure during one shift.		
			NDS	NDSch	NDSP
1.	1330-20-7	Xylene, mixture of isomers	100	-	-
2.	141-78-6	Ethyl acetate	200	600	-

8.5. Recommended monitoring procedures:

- PN-89/Z-01001/06. Air purity protection. Names, definitions and units. Terminology concerning air quality tests at work places.
- PN-89/Z-04008/07. Air purity protection. Collecting samples. Principles of collecting air samples in work environment and the interpretation of results.
- PN-78/Z-04116/01 Air purity protection. Examination of xylene contents. Determination of xylene on work stations with activated sample with gas chromatographic method.
- PN-89/Z-04023/02 Air purity protection. Examination of harmful substances contents (in mixtures) that are released from top coat nitrocellulose solutions. Determination of acetone, ethyl, n-butyl, n-butyl, isobutyl, ethoxyethyl, butoxyethyl alcohol; octane: ethyl, n-butyl, ethoxyethyl, toluene and xylene at work stations with gas chromatographic method.
- PN-68/Z-04051 Determination of ethyl acetate and butyl acetate in the air.
- PN-78/Z-04119. Sheet 01. Air purity protection. Tests for the contents of acetic acid esters Determination of acetates: methyl, ethyl, propyl, butyl and amyl at work stations with gas chromatography method along with sample enriching.

8.6. Allowed concentrations in biological material (DSB):

Xylene:

- marked substance: Methyl-hippuric acid
- permitted concentration in biological material (DSB): 1,4 g/h (urine)

8.7. Hygienic advice:

Avoid direct contact of the product with skin and eyes and inhaling the product vapours; use the product in the rooms with efficiently working ventilation and, if necessary, use respiratory tract protection measures; immediately take off contaminated clothing and wash contaminated skin with water with soap; do not eat, drink and smoke when handling the product, except for the places designed for this, wash hands before breaks at work and after finishing work with the product, use hand cream when necessary.

When substance concentration is determined and known, personal protection media should be selected with the consideration of the concentration of the substance occurring at a given work station, time of exposure and the activities performed by the employee pursuant to the catalogue "Individual protection media" issued by Central Institute for Labour Protection.

In case of emergency, even if the concentration of the substance at work station is not know, use individual protection media of the highest recommended protection class.

8.8. Personal protection ensuring adequate protection:

- hands: protective gloves made of materials resistant to the action and permeating of organic solvents
- skin: protective clothing
- respiratory tract: ensure good ventilation; in case of short-term exposure or small concentration use protective equipment provided with the absorber; in case of long exposure of high concentration use self-contained equipment that protect respiratory tract.
- eyes: protective goggles or mask protecting the face

Notice! Recommended protective equipment must be certified for safety mark pursuant to the Regulation of the Council of Ministers dated 9th November 1999 on the list of goods manufactured in Poland as well as goods imported to Poland for the first time, which may cause danger or serving the protection or saving life, health or the environment, being subject to the certification for safety mark and marking with this mark and the goods subject to the obligation of issuing the declaration of conformity by the manufacturer.

The employer is obliged to make sure that the used individual protection media as well as protective clothing and footwear had the protective usable properties and assure their adequate washing, maintenance, repair and decontamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

form, appearance:	liquid
colour:	according to the one placed on a label
odour:	characteristic
pH	not determined
boiling point:	77 °C
melting point:	not determined
burning temperature:	not determined
flash point	21°C
autoignition temperature:	460°C
combustibility:	flammable liquid
explosive properties:	The product is not endangered with explosion; vapours create explosive mixtures with air
hazard danger boundaries:	
- lower:	1.1 % (vol.)
- upper:	11.5 % (vol.)
oxidizing properties:	none
vapour pressure:	97 hPa
density:	1,044 g/cm ³ (in 20°C)
vapour density:	not determined
solubility:	
- in water:	does not mix
- in organic solvents:	does mix
Distribution ratio n- octanol/water	not determined
viscosity:	12 s/ 4s
solvents:	
organic solvents:	51,3 %
VOC (EC):	535,4 g/dm ³
Solids:	48,7 %

10. STABILITY AND REACTIVITY

10.1. Stability:

- stable in normal conditions of application and storage

10.2. Conditions to avoid:

- empty containers may contain explosive vapours of the product
- high temperature
- sources of ignition

10.3. Materials to avoid:

- strong oxidizing agents
- strong acids and bases
- isocyanates reacts violently, and often release heat when chemical substances e.g. alcohols, amines, phenols, amides, thiols, carbamates, derivative of carbamide, metal-organic compounds, surface active agents; humidity results in polymerization and heat and carbon dioxide; feature with corrosive action against zinc, copper, aluminium and their alloys, damage plastic and rubber

10.4. Hazardous products of decomposition/combustion:-

- during the burning of the product smoke containing chemical substances hazardous to health such as carbon monoxide and carbon dioxide, nitrogen monoxides, hydrogen cyanide and cyanides are created; decomposition may result in formation of toluenodiamina
 - carbon monoxides
 - toxic gases and smokes
 - hydrogen cyanide and cyanides
 - toxic fumes and smokes
-

11. TOXICOLOGICAL INFORMATION

11.1. Hazards to health

Produkt zawiera izocyjaniany. Zapoznaj się z instrukcją dostarczoną przez producenta.

- the product is harmful
- harmful for respiratory tract and when in contact with skin
- the product is irritant
- irritating action on eyes and skin
- Repeated exposure may cause skin dryness or cracking.
- product vapours may cause drowsiness and dizziness
- isocyanates included in the product may cause allergenic effect

11.2. Toxic doses and concentrations:

No data is available for the finished product.

Xylene:

Odour recognition threshold: 0,9 ÷ 9 mg/m³

LD50 (rat, orally): 4300 mg/kg

LC50 (rat, inhalation): 22100 mg/m³/4 hours

Ethyl acetate:

Odour recognition threshold: 0,18 ÷ 670 mg/m³

LD50 (rat, orally): 6100 mg/kg

LC50 (rat, inhalation): 5856 mg/m³/8 hours

LD50 (rabbit, skin): >20000 mg/kg

11.3. Skutki narażenia ostrego u ludzi (dla produktu):

Caution: product includes isocyanates– vapour inhalation may result in asthmatic effect; characteristic symptoms of inhalation include cough, sore throat, squeezing in the chest, shortness of breath, eye redness, watering; exposure may result in bronchitis, pneumonia or/and pulmonary oedema; both asthmatic effect and pulmonary oedema symptoms may follow after a few hours after exposure (asthmatic effect of ten follow overnight, pulmonary oedema may follow even following 48 hours), in addition intensified symptoms may follow due to physical effort; moreover product vapour inhalation in case of concentration over NDSCh may result in headache, and higher concentrations may result in narcotic effect, also other symptoms may follow related to action of other ingredients; exposure to high concentrations of isocyanates may cause long term headache and poor concentration (up to 4 years)

Effects of chronic exposure:

- prolonged exposure as a result of breathing may result in sensitization and asthma (allergy follows most often after a few months of work with isocyanates, and initially symptoms resemble cold)
- chronic disfunction of lungs was reported also in case of workers exposed to isocyanates
- Skin contact may cause sensitization, and frequent contact may be the reason of defatting and skin inflammations
- Functional disorders of nervous system may occur (headaches and dizziness, nausea) and/or inflammations of upper respiratory tract
- dry, cracked skin, chronic skin inflammation
- irritation and chronic conjunctivitis

- upper respiratory tract inflammation along with sore throat
- nervous system disorder
- smell disorder

Caution: persons prone to allergic effect shall take extraordinary caution when handling product; persons who suffered due to asthma, respiratory tract chronic disorder, allergic to isocyanates shall avoid contact with product.

Skin contact:

Repeated exposure may cause skin dryness or cracking. The product may cause sensitisation by skin contact. Persons with allergic predispositions should be particularly careful. Skin irritation is possible and in extreme cases burns may occur (at long-term, constant exposure).

Eye contact:

Vapours may cause eye mucosa irritation manifesting itself with reddening, lacrimation and pain. It causes eye irritation in case of direct contact.

Swallowing:

The product may cause irritation of mucosa of alimentary system, stomachaches, nausea, vomiting, diarrhoea and symptoms connected with the action of the substance on the system.

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

12.2 Ecotoxic action:

- Product features with high mobility when into soil
- Product features with poor bioconcentration in aquatic organisms
- Product does not feature with significant inhibiting action on microorganisms

No data for the finished product. Below data refers to product's ingredients.

Xylene:

Acute toxicity for fish:	<i>Pimephales pro melas</i>	LC50: 16,1 mg/dm ³ /96 hours
	<i>Salmo gairdneri</i>	LC50: 8 mg/dm ³ /96 hours
	<i>Lepomis macrochirus</i>	LC50: 16,1 mg/dm ³ /96 hours
	<i>Carassius auratus</i>	LC50: 16,1 mg/dm ³ /96 hours
Acute toxicity for shellfish:	<i>Daphnia magna</i>	EC50: 3,82 mg/dm ³ /48 hours

Ethyl acetate:

Acute toxicity for fish : *Pimephales pro melas* LC50: 230 mg/dm³/96 hours

Toxic concentration limit for:

- fish:	<i>Leuciscus idus melanotus</i>	LC0: 135 mg/dm ³ /48 hours
- shellfish:	<i>Daphnia magna</i>	EC0: 1562 mg/dm ³ /24 hours
- bacteria:	<i>Pseudomonas putida:</i>	650 mg/dm ³
- algae:	<i>Scenedesmus quadricauda:</i>	5 mg/dm ³

Deadly concentration for :

- fish	<i>Leuciscus idus melanotus</i>	LC50: 270 mg/dm ³ /48 hours
- shellfish:	<i>Daphnia magna</i>	EC50: 3090 mg/dm ³ /24 hours

No data on mobility of the preparation in different ecosystems, biocentration potential, biodegradation and ecotoxicity. Prevent contamination of surface waters and groundwater and soil.

Follow applicable regulations. Prevent release to the natural environment. When applied properly the product does not pose a threat for environment. Prevent contamination of surface waters and groundwater and soil. Do not dispose of the product into sewers. It is forbidden to dispose of the product to sewers or water courses.

13. DISPOSAL CONSIDERATIONS

13.1. Disposal:

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. Package content:

- waste kind: Paint and top coats remains including organic solvents and other hazardous substances
- Waste code: 07 01 04*
- Dangerous waste

13.3. Package:

Empty containers (package) shall be disposed of in accordance with applicable regulations.

- waste kind: plastic package
- waste code: 15 01 02
- waste kind Metal packages

- Waste code: 15 01 10

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

ADR/RID Class:	3
UN material recognition no.:	1263
Classification code:	F1
Danger recognition no.:	30
Package group:	III
Label:	No. 3
Proper shipping name:	1263 paint additives

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.

Package marking:**Product contains:**

Ksylene

Product includes isocyanates. Before use read manufacturer's instructions. Product may cause allergic effect.

Warning marks:**Xn Harmful product****Hazard phrases:**

R10: Flammable
 R20/21: Harmful by inhalation and in contact with skin
 R36/38: Irritating to eyes and skin
 R66: Repeated exposure may cause skin dryness or cracking
 R67: Vapours may cause drowsiness and dizziness.

Phrases indicating conditions of safe usage:

S2: Keep out of the reach of children
 S16: Keep away from sources of ignition - No smoking
 S23: Do not breathe dispersed liquid
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S36/37: Wear suitable protective clothing and gloves
 S46: If swallowed, seek medical advice immediately and show this container or label

Safety data sheet available on request of the user that carries out professional activity.

Special notes:

If the product is not going to be available in retail sale for consumers:

- packages shall; be provided with warning on hazard that is felt by touch (Official Journal No. 128 item 1348 From 2004)

Regulations in force:

1. Regulation (CE) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (CE) No. 1488/94, as well as Council Directive 76/769/EEC and Commissions Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (30.12.2006 PL Official Journal of the European Community L 396/1)
2. Act as of 11 January 2001 on chemical substances and preparations (Official Journal No. 11 item 84 from 2001) along with later 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 later amendments.
5. Announcement of the Speaker of the Sejm of the Republic of Poland as of 4 July 2006 on announcement of the uniform text of the act – Environmental protection law (Official Journal. No. 129 item. 902 from 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. Regulation of the Health Minister as of 30 April 2004 on hazardous substances and preparations which shall be provided with special packages that prevent opening hereof by children and with warning felt by touch (Official Journal. No. 128 item 1348 from 2004).
8. Regulation of the Health Minister as of 2 September 2003 on labeling of hazardous substances packages and hazardous preparations as well as some chemical preparations (Official Journal 2009 No. 173 item 1679 from 2003) with the amendment dated on 9 November 2004 ((Official Journal 2004 No. 260 item 2595)
9. Regulation of the Health Minister as of 2 September 2009 (Official Journal 2009 No. 171 item 1666) with the amendment dated on 4 September 2007 (Official Journal No. 174 item 1222).
10. Regulation of the Health Minister as of 13 November 2007 on the data sheet (Official Journal No. 215 item 1588 as of 2007)
11. Regulation of the Health Minister as of 28 September 2005 on the list of hazardous substances along with classification and labelling hereof

- (Official Journal 2005 No. 201 item 1674)
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; Official Journal No. 161 item 1142 from 2007)
 13. The government declaration as of 26 July 2005 concerning entering into force amendments to the Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on 30 September 1957 (Official Journal 2005 No. 178 item 1481)
 14. Regulation of the Minister of Environment dated 27th September 2001 on waste catalogue (Dz. U. 2001 No 112 item 1206)
 15. Statement of Social Policy, Economy and Labour Minister as of 11 June 2002 amending the statement concerning general regulations on health and safety (Official Journal 2002 No. 91 item 811)
 16. Regulation of the Economy Minister as of 9 June 2006 amending the regulation on minimum requirements regarding occupational safety of employees employed at workstations where explosive atmosphere may be present (Official Journal. No. 121 item. 836 from 2006)
 17. Regulation of the Council of Ministers as of 30 July 2002 amending the Regulation on list of jobs forbidden for woman (Official Journal 2002 No. 127 item 1092)
 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 (Official Journal 2005 No.73 item 645)
 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 dates 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 as of 24 August 2004 on list of jobs forbidden for juveniles and conditions of employment for some jobs (Official Journal 2004 No. 200 item 2047) as amended (Official Journal 2005 No. 136 item 1145)
 21. Regulation of the Economy and Labour Minister as of 5 July 2004 on limitations, restrictions and manufacturing conditions, trade conditions and application of hazardous substances and preparations, as well as products containing them (Official Journal. No. 168 item. 1762 from 2004) with later amendments (Official Journal. No. 39 poz.372 from 2005 and Dz. U. Nr 127 item. 887 from 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 as of 29 July 2005 on Counteracting Drug Addiction (Official Journal 2005 No. 179 item 1485) as amended (Official Journal 2006 No. 120, item 826 and Regulation (CE) No. 273/2004 of the European Parliament and Council as of 11 February 2004 on drug precursors (Official Journal CE L 047 as of 18.02.2005) and Regulations (CE) and Council No. 111/2005 as of 22 December 2004 laying down rules for monitoring of drug precursors trade between the Community and Third Countries (Official Journal WE L 22 as of 26.01.2005, page 1; Official Journal CE Polish Edition from 2005, Volume 48, page 1)

16. OTHER INFORMATION

The meaning of symbols and the contents of R phrases included in item 2:

F	Highly flammable product
Xn	Harmful product
Xi	Irritating product
R10:	Flammable
R11	Highly flammable product
R20/21:	Harmful by inhalation and in contact with skin
R36:	Irritating to eyes
R38:	Irritating to skin
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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.