

SAFETY DATA SHEET
according to 830/2015/EC, 28.05.2015



Revision: 2017-01-14
Date: 2012-07-09

ADHESIJE FOR PP AND PE

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name ADHESIVE FOR PP AND PE – Cyanoacrylate Adhesive
Article number X-935

1.2. Relevant identified uses of the substance or mixture and uses advised against

identified uses Bonding PP and PE.
uses advised against -

1.3. Details of the supplier of the safety data sheet

Manufacturer NALMAT-Trzebinia
Marian Krzyworzeka
ul. Kościuszki 88
32-540 Trzebinia
tel. +48 32 612 10 10
fax. +48 32 612 10 66
www.technicqll.pl office@technicqll.pl
jakosc@technicqll.pl

1.4. Emergency telephone number:

+ 48 (032) 711 53 27 during normal office hours - Monday - Friday 6.00am - 2.00pm
112

2. Hazards identification

2.1. Classification of the substance or mixture

Human health hazards: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Environmental hazards: -

Physical and chemical hazards: -

2.2. Label elements

Warning symbol:

EUH202-Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.



WARNING

H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.

P102 – Keep out of reach of children.
P280-Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing..
P332+P313- If skin irritation or rash occurs: Get medical advice/attention.

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P337+ P313 – If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

PBT – lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.
vPvB - lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.

3. Composition/information on ingredients

3.1. Substance:

3.2. Mixtures

Description	CAS	UE	REACH No	Content %	Classification
2-ethyl cyanoacrylate	7085-85-0	230-391-5	01- 2119527766- 29-0000	<100%	Eye Irrit. 2, H319, STOT SE.3, H335, Skin Irrit. 2 , H315

4. First aid measures

4.1 Description of first aid measures

After eye contact	Rinse immediately with plenty of water at least 15 minutes.. Lift eyelids and rinse thoroughly underneath them. If irritation persists, contact a physician.
After skin contact	Remove substance with a dry cloth or a paper towel before washing with water and soap. If irritation persist contact a physician. Bonded fingers should be separated carefully in a stream of lukewarm water. Do not use force removing the cured adhesive from your skin.
After inhalation	Remove a victim from exposure place. In case of difficulties in breathing contact a physician. Ensure fresh air and rest. In case of unconsciousness the victim should be transported in side position.
After swallowing	Do not eat! Rinse mouth with water several times. Consult a physician and show this Material Safety Data Sheet. Do not provoke vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Not available

4.3. Indication of any immediate medical attention and special treatment needed

The decision of the method of further procedure should be made by a doctor after exact assessment of victim's conditions.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: CO₂, foam and powder, atomized stream of water.

Unsuitable extinguishing media: High volume water jet.

5.2. Special hazards arising from the substance or mixture

May be emitted irritating vapours of organic substance.

5.3. Advice for firefighters

Protective equipment: Protective clothes and self-contained breathing apparatus.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For people who do not belong to the staff removing the failure effects: reduce the access of unauthorised people to the failure area until completing the proper cleaning operations. Avoid skin and eye contamination. Provide adequate ventilation.

For people removing the failure effects: take care that the failure and its effects are to be removed only by trained staff. Wear protective chemical resistant clothing and shoes. Use protective glasses or mask protecting face against splashing. Do not breathe vapours of the product.

6.2. Environmental precautions:

Do not allow the product to reach sewage system, ground water and surface water. Inform a suitable lifesaving service.

6.3. Methods and material for containment and cleaning up:

Cover small quantities of the spilled product with incombustible, absorptive material e.g. sand, diatomite, take up and collect in a closed and suitable labelled container.

6.4. Reference to other sections

Information concerning safe holding – section / chapter 7.

Information concerning personal protective equipment - section / chapter 8.

Information concerning utilisation - section / chapter 13.

7. Handling and storage

7.1. Precautions for safe handling:

Work in accordance with the industrial safety and hygiene rules. Ensure a good ventilation in a work place. Avoid ignition sources, higher temperature, hot surface and open fire. Avoid contact with skin, eyes, do not swallow. Keep unused pickings in a tightly closed container.

7.2. Conditions for safe storage, including any incompatibilities

Store in cold, dry and well ventilated rooms in closed original containers at temperatures -15°C - +20°C. Keep away from food. Protect from sun rays. The lower the temperature of storage the longer the durability of the adhesives. Do not store near ignition sources. Do not smoke.

7.3. Specific end use(s)

Not available.

8. Exposure controls/personal protection

The personal protection media should meet the requirements of the ordinance of Minister of economy and work of 21.12.2005 (journal of law. No. 259, section 2173) and Directive of 89/686/EC (together with later changes) The employer is obliged to ensure measures of personal protection suitable to activities that are made and fulfilling all quality requirements as well as their cleaning and maintenance.

8.1. Control parameters

Ingredients wit limit values that require monitoring at the work place.

NDS - not available

NDSCH - not available

8.2. Exposure controls

Observe the general rules of hygiene and safety. Ensure good ventilation of a work place. During work do not eat and smoke tobacco. Wash hands before breaks and at the end of work. Avoid contacts with eyes and skin.

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Breathing equipment:

Avoid breathing of vapours. In case of short term contact with the mixture- ensure only general ventilation. In case of long lasting intensive contacts with the mixture- ensure a device to protection of inhalation system independent of the air of environment (a respiratory mask with absorber of vapours equipped with a suitable filter).

Protection of hands and body:

Gloves must be made of material that has to be impermeable and resistant to the action of the preparation. This material has to be checked prior to its application. It is recommended that the gloves should be changed regularly and also when they have any symptoms of their wear, damage or changes appearance, colour, elasticity, form and so on.

Eye protection:

Protective glasses.

Control of environmental exposure:

Do not allow big amounts of the product to reach sewage system, ground water or soil.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Density	Ok. 1,0 g/cm ³
Boiling point	-
Ignition temperature	>81°C
Self-ignition temperature	The product does not undergo self-ignition
Odour	Characteristic
Solubility in water	Insoluble
Solubility in ketones and esters	-
Dynamic Viscosity at 25°C	-

9.2. Other information

Lack of additional tests.

10. Stability and reactivity

10.1. Reactivity

Not available

10.2. Chemical stability

The product is stable if it is properly used and kept.

10.3. Possibility of hazardous reactions

Reactions with oxidising agents.
Reactions with strong acids.

10.4. Conditions to avoid

Avoid naked fire, higher temperature, hot surfaces. Low temperatures increase life of the adhesive.

10.5. Incompatible materials:

Not available.

10.6. Hazardous decomposition products:

Not available.

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11. Toxicological information

11.1. Information on toxicological effects

Detailed research has not been carried out. The adhesive contains ethyl 2- cyanoacrylate, therefore it irritates eyes, inhalation system and skin.

on the skin:	Irritating to skin. May cause allergic reaction.
on the eye:	Irritating
after swallowing:	Irritating to mucous membrane of oral cavity, throat and further sections of alimentary canal.
sensitization:	May cause allergy in contact with skin. May cause allergic reaction.

12. Ecological information

12.1. Toxicity

No detailed research of the preparation has been carried out. The product has not been classified as dangerous for environment.
Hydroquinone: CL 50: 0,639 mg/kg

12.2. Persistence and degradability

No data

12.3. Bioaccumulative potential

Does not have potential to bioaccumulation.

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

PBT	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.
vPvB	Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.

12.6. Other adverse effects

No data

13. Disposal considerations

Waste treatment methods

Do not allow to reach sewage system. Store in original packaging. Utilize in accordance with suitable regulations.

Waste code:

08 04 09	Waste adhesives and sealants containing organic solvents or other dangerous substations.
15 01 10	Packaging containing residues of dangerous substations or contaminated with them.

Observe the regulations:

EU Legal Instruments: Directives of European Parliament and Council 2006/12/EC I 94/62/EC, Directive of Council: 91/689/EEC
State legal instruments: journal of law. 2001, No. 62, section. 628 with later changes, journal of law 2001, No. 63, section 638 with later changes.

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14. Transport information

14.1. UN-Number

The product does not create any threat in transport. It is not subject to RID/ADR regulations. It can be transported in any means of transport in hermetically closed packages.

Land transport ADR/RID and GGVSEB (international/state)

Class ADR/RID- GGVSEB

Sea transport IMDG/VSee:

Class IMDG/VSee

Air transport ICAO – TI I IATA – DGR:

Class ICAO/IATA

14.2. Proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Hazards to environment

Not applicable

14.6. Special precautions for user

During handling with load use personal protection according to point 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory information

15.1. Legislation related to safety, health and environment protection specific for substance or mixture:

The regulation European Community No. 1907/2006 and the European Parliament and the Council of 18,12,2006 regarding granting permissions and applied restrictions in a range chemicals (REACH.) with later changes –

No: 279/2010 and establishment of the European Agency of Chemicals , changing EU Directive 1999/45/ EU and annulling the EEC regulation No. 793/93, and 1488/94 as well as EEC Directive 76/769/ EEC and Council 91/155/EEC 93/67/EEC, 93/105/EU, 2000/21/EU.

The Regulation 1272/2008/EU of European Parliament and Council of 16,12,2008 concerning classification , labelling and packing of substances and mixtures , changing and annulling Directives: 67/548/EEC and 1999/45/EU and changing the Regulation (EU) No. 1907/2006.

The Regulation 790/2009/EU of the Council of 10,08,2009 adopting to the scientific and technological progress the regulations of The European Parliament and Council No. 1272/2008 of 16,12,2008 concerning the classification, labelling and packing the substances and mixtures.

The Regulation 453/2010/EU council of 10,05,2010 changing the regulation No: 1907/2006/EU European Parliament and Council concerning registration, estimation granting permissions and suitable limits in a range of chemicals(REACH).

The directive 2006/12/EU of European Parliament and Council of 05,04,2006 concerning waste.

The directive 91/689/ EEC Council of 12,12,1991 concerning dangerous waste.

The directive 94/62/EU of European Parliament and Council of 20,12,1994 concerning packing and packing waste.

The ordinance of Health Minister of 29,04,2010 concerning dangerous substances and preparations , whose packing is equipped with enclosure making it difficult to open by children and perceptible warning against danger by touch.

15.2. Estimation of chemical safety:

Estimation of chemical safety has been carried out.

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16. Other information

Explanation of symbols in the second point of Safety Data Sheet:

- PBT – (substance) Persistent, showing ability to bioaccumulation
- VPvB – (substance) Very persistent, showing very high ability to bioaccumulation
- PNEC – Predicted concentration causing no effects
- DN(M)EL – Level causing no change.
- LD50 – The dose at which the observed death of 50% of the test organisms.
- LC50 – The concentration at which the observed death of 50% of the test organisms.
- ECX - concentration at which observed X% reduction of growth or growth rate.
- BCF – Bioaccumulation coefficient.
- NOEL (NOEC) – The highest dose or concentration of toxic substance at which there is no adverse effect of its action.
- LOEL (LOEC) – The lowest dose or concentration of toxic substance at which observed the first adverse changes.
- NOAEL - The highest dose or concentration of toxic substance at which discovered no harmful change during carrying out tests.
- LOAEL – The lowest dose or concentration of toxic substance at which observed harmful change during carrying out tests.

The update changes in Section 15.

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	ADHESIVE FOR PP AND PE - PRIMER
Article number	X-935

1.2. Relevant identified uses of the substance or mixture and uses advised against

identified uses	Bonding PP and PE.
uses advised against	-

1.3. Details of the supplier of the safety data sheet

Manufacturer	NALMAT-Trzebinia Marian Krzyworzeka ul. Kościuszki 88 32-540 Trzebinia tel. +48 32 612 10 10 fax. +48 32 612 10 66 www.technicqll.pl office@technicqll.pl jakosc@technicqll.pl
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1.4. Emergency telephone number:

+ 48 (032) 711 53 27 during normal office hours - Monday - Friday 6.00am - 2.00pm
112

2. Hazards identification

3.1. Classification of the substance or mixture

Human health hazards:	May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.
Environmental hazards:	Very toxic to aquatic life with long lasting effects

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Physical and chemical hazards: Highly flammable liquid and vapour.

3.2. Label elements

Contains: n-heptane (EC: 205-563-8)



DANGER

Warning symbol:

H225 – Highly flammable liquid and vapour.
H304 – May be fatal if swallowed and enters airways.
H315 – Causes skin irritation.
H336 – May cause drowsiness or dizziness.
H410 – Very toxic to aquatic life with long lasting effects.

P102 – Keep out of reach of children.
P280- Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
P331 – Do NOT induce vomiting.
P501- Dispose of contents/container to hazardous Or special waste collection point.

3.3. Other hazards

PBT – lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.
vPvB - lack of information concerning fulfilment of the criteria in accordance with annex XIII of Reach Directive.

4. Composition/information on ingredients

3.1. Substance:

3.2. Mixtures

Description	CAS	UE	REACH No	Content %	Classification
n-heptane	142-82-5	205-563-8	01- 2119457603- 38-0000	80 < 100	Flam. Liq. 2 , H225, Skin Irrit. 2 , H315 Asp. Tox. 1, H304, STOT SE, H336 Aquatic Acute 1, H400, Aquatic Chronic 1, H410

4. First aid measures

4.1 Description of first aid measures

After eye contact

Rinse immediately with plenty of water at least 15 minutes.. Lift eyelids and rinse thoroughly underneath them. If irritation persists, contact a physician.

After skin contact

Remove substance with a dry cloth or a paper towel before washing with water and soap. If irritation persist contact a physician. Bonded fingers should be separated carefully in a stream of lukewarm water. Do not use force removing the cured adhesive from your skin.

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After inhalation	Remove a victim from exposure place. In case of difficulties in breathing contact a physician. Ensure fresh air and rest. In case of unconsciousness the victim should be transported in side position.
After swallowing	Rinse mouth with water several times. Contact a physician showing this safety data sheet.

4.2. Most important symptoms and effects, both acute and delayed

Not available

4.3. Indication of any immediate medical attention and special treatment needed

The decision of the method of further procedure should be made by a doctor after exact assessment of victim's conditions.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: CO₂, foam and powder, atomized stream of water.

Unsuitable extinguishing media: High volume water jet.

5.2. Special hazards arising from the substance or mixture

High flammable product.

5.3. Advice for firefighters

Wear a device protecting inhalation system (self – contained breathing apparatus).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For people who do not belong to the staff removing the failure effects: reduce the access of unauthorised people to the failure area until completing the proper cleaning operations. Avoid skin and eye contamination. Provide adequate ventilation.

For people removing the failure effects: take care that the failure and its effects are to be removed only by trained staff. Wear protective chemical resistant clothing and shoes. Use protective glasses or mask protecting face against splashing. Do not breathe vapours of the product.

6.2. Environmental precautions:

Do not allow the product to reach sewage system, ground water and surface water. Inform a suitable life saving service.

6.3. Methods and material for containment and cleaning up:

In case of small amount - cover up the spilled product with an absorptive material e. g. sand, or diatomaceous earth and collect as much as possible into a suitable properly labelled and closed container.

Caution: Absorbents saturated with the preparation also create fire hazard.

In case of big leakage - embank properly the place of leakage accumulation .

6.4. Reference to other sections

Information concerning safe holding – section / chapter 7.

Information concerning personal protective equipment - section / chapter 8.

Information concerning utilisation - section / chapter 13.

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7. Handling and storage

7.1. Precautions for safe handling:

Work in accordance with the industrial safety and hygiene rules. Ensure a good ventilation in a work place. Avoid ignition sources, higher temperature, hot surface and open fire. Avoid contact with skin, eyes, do not swallow. Keep unused pickings in a tightly closed container.

7.2. Conditions for safe storage, including any incompatibilities

Store in cold, dry and well ventilated rooms in closed original containers at temperatures -15°C - $+20^{\circ}\text{C}$. Keep away from food. Protect from sun rays. The lower the temperature of storage the longer the durability of the adhesives. Do not store near ignition sources. Do not smoke.

7.3. Specific end use(s)

Not available.

8. Exposure controls/personal protection

The personal protection media should meet the requirements of the ordinance of Minister of economy and work of 21.12.2005 (journal of law. No. 259, section 2173) and Directive of 89/686/EC (together with later changes) The employer is obliged to ensure measures of personal protection suitable to activities that are made and fulfilling all quality requirements as well as their cleaning and maintenance.

8.1. Control parameters

Components together with controlled permissible values depended on a place of employment:

N – heptane:

NDS 1200 mg/m³

NDSCH 2000 mg/m³

8.2. Exposure controls

Observe the general rules of hygiene and safety. Ensure good ventilation of a work place. During work do not eat and smoke tobacco. Wash hands before breaks and at the end of work. Avoid contacts with eyes and skin.

Breathing equipment:

Avoid breathing of vapours. In case of short term contact with the mixture- ensure only general ventilation. In case of long lasting intensive contacts with the mixture- ensure a device to protection of inhalation system independent of the air of environment (a respiratory mask with absorber of vapours equipped with a suitable filter).

Protection of hands and body:

Gloves must be made of material that has to be impermeable and resistant to the action of the preparation. This material has to be checked prior to its application. It is recommended that the gloves should be changed regularly and also when they have any symptoms of their wear, damage or changes appearance, colour, elasticity, form and so on.

Eye protection:

Protective glasses.

Control of environmental exposure:

Do not allow big amounts of the product to reach sewage system, ground water or soil.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

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Odour	Characteristic
Odour threshold	no determined
pH value	no determined
Melting freezing temperature	no determined

9.2. Other information

Lack of additional tests.

10. Stability and reactivity

10.1. Reactivity

Not available

10.2. Chemical stability

The product is stable if it is properly stored.

10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

Reactions with strong acids.

10.4. Conditions to avoid

Avoid open fire, higher temperature, hot surfaces. Low temperatures increase life of the adhesive.

10.5. Incompatible materials:

Not available.

10.6. Hazardous decomposition products:

Toxically vapours and fumes.

11. Toxicological information

11.1. Information on toxicological effects

Detailed research has not been carried out. The adhesive contains ethyl 2- cyanoacrylate, therefore it irritates eyes, inhalation system and skin.

on the skin: Irritates skin. Repeated exposition may cause drying or cracks of skin.

on the eye: Irritating

after swallowing: Acts harmfully. , may damage lungs in case of swallowing, acts irritating to mucous membrane of oral cavity, throat and farther segments of digestive system.

sensitization: Vapours may produce feeling of sleeplessness and dizziness.

N – heptane: LC50 – 103 g/l/4h (rat, inhalation).

12. Ecological information

12.1. Toxicity

Acts harmfully for water organisms , may cause long lasting disadvantageous changes in water environment.

Fish: Leuciscus Idus melanotus – 1370 mg/l

Fish: Leuciscus Idus melanotus – 3420 mg/l

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Algae: Scenedesmus quadricauda > 200 mg/l

12.2. Persistence and degradability

No data

12.3. Bioaccumulative potential

Does not have potential to bioaccumulation.

12.4. Mobility in soil

May be easily absorbed by soil.

12.5. Results of PBT and vPvB assessment

PBT Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.

vPvB Lack of information concerning fulfilment of criteria in accordance with Annex XIII of Reach Directive.

12.6. Other adverse effects

No data

13. Disposal considerations

13.1. Waste treatment methods

Do not allow to reach sewage system. Store in original packaging. Utilize in accordance with suitable regulations.

Waste code:

08 04 09 Waste adhesives and sealants containing organic solvents or other dangerous substations.

15 01 10 Packaging containing residues of dangerous substations or contaminated with them.

Observe the regulations:

EU Legal Instruments: Directives of European Parliament and Council 2006/12/EC | 94/62/EC, Directive of Council: 91/689/EEC

State legal instruments: journal of law. 2001, No. 62, section. 628 with later changes, journal of law 2001, No. 63, section 638 with later changes.

14. Transport information

14.1. UN-Number: 1133

**Land transport ADR/RID and GGVSEB
(international/state)**

Class ADR/RID- GGVSEB: 3

Sea transport IMDG/VSee:

Class IMDG/VSee:3

Air transport ICAO – TI I IATA – DGR:

Class ICAO/IATA:3

14.2. Proper shipping name

ADHESIVE

14.3. Transport hazard class(es)

3

14.4. Packing group

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14.5. Hazards to environment

Very toxic to aquatic life with long lasting effects.

14.6. Special precautions for user

Use personal protection measures according to point 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory information

15.1. Legislation related to safety, health and environment protection specific for substance or mixture:

The regulation European Community No. 1907/2006 and the European Parliament and the Council of 18,12,2006 regarding granting permissions and applied restrictions in a range chemicals (REACH.) with later changes –

No: 279/2010 and establishment of the European Agency of Chemicals , changing EU Directive 1999/45/ EU and annulling the EEC regulation No. 793/93, and 1488/94 as well as EEC Directive 76/769/ EEC and Council 91/155/EEC 93/67/EEC, 93/105/EU, 2000/21/EU.

The Regulation 1272/2008/EU of European Parliament and Council of 16,12,2008 concerning classification , labelling and packing of substances and mixtures , changing and annulling Directives: 67/548/EEC and 1999/45/EU and changing the Regulation (EU) No. 1907/2006.

The Regulation 790/2009/EU of the Council of 10,08,2009 adopting to the scientific and technological progress the regulations of The European Parliament and Council No. 1272/2008 of 16,12,2008 concerning the classification, labelling and packing the substances and mixtures.

The Regulation 453/2010/EU council of 10,05,2010 changing the regulation No: 1907/2006/EU European Parliament and Council concerning registration, estimation granting permissions and suitable limits in a range of chemicals(REACH).

The directive 2006/12/EU of European Parliament and Council of 05,04,2006 concerning waste.

The directive 91/689/ EEC Council of 12,12,1991 concerning dangerous waste.

The directive 94/62/EU of European Parliament and Council of 20,12,1994 concerning packing and packing waste.

The ordinance of Health Minister of 29,04,2010 concerning dangerous substances and preparations , whose packing is equipped with enclosure making it difficult to open by children and perceptible warning against danger by touch.

15.2. Estimation of chemical safety:

Estimation of chemical safety has been carried out.

16. Other information

Explanation of symbols in the second point of Safety Data Sheet:

Flam. Liq. 2 - Highly, flammable liquid substance, Cat. 2

Skin Irrit. 2 - Irritating to skin – Cat. 2

Asp. Tox. 1 - Hazards caused by breathing, Cat. 1

STOT SE - Toxic to target organs

Aquatic Acute 1 - Produces hazards to water environment - acute toxicity – Cat. 1

H400- Acts toxically for water organisms

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

MSDS developed by NALMAT Trzebinia