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Data: 2011-05-06 Update: 2017-04-22

## **UNIVERSAL EPOXY ADHESIVE**

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

1.1. Product identifier

Trade name UNIVERSAL EPOXY ADHESIVE – COMPONENT A

Article number E-198

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

identified uses Component A together with Component B are applied to produce an adhesive that has versatile

application. It is used for bonding and filling in losses almost all materials .

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

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## **SECTION 2. Hazards identification**

## 2.1. Classification of the substance or mixture

Human health hazards: H315 – Causes skin irritation

H317 – May cause an allergic skin reaction H319 – Causes serious eye irritation

Environmental hazards: Toxic to aquatic life with long lasting effects

Physical and chemical hazards: -

#### 2.2. Label elements

EUH205- Contains epoxy constituents. May produce an allergic reaction.

EUH208 – Contains epoxy resin ( average molecular weight <700): No. EC: 500-033-5 and Bisphenol resin with F-epichlorohydrin (No. EC: 500-006-8). May produce an allergic reaction.





#### WARNING

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction H319 – Causes serious eye irritation

H411 – Toxic to aquatic life with long lasting effects

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## **UNIVERSAL EPOXY ADHESIVE**

P102 – Keep out of reach of children

P280- Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - IF ON SKIN: Wash with 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

P273 - Avoid release to the environment

P501 – Dispose of contents/container to a mine waste dump.

#### 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.

## **SECTION 3. Composition/information on ingredients**

#### 3.1. Substance: -

#### 3.2. Mixtures

Description	CAS	EC	REACH No	Content %	Classification
Epoxy resin (average	25068-38-6	500-033-5	01-	60-90	Eye Irrit.2, H319
molecular weight <700)			2119456619-		Skin Irrit.2, H315
			26-0013		Skin Sens.1, H317
					Aquatic Chronic 2 H411

## **SECTION 4. First aid measures**

## 4.1 Description of first aid measures

After eye contact In case of contact, flush eyes immediately with plenty of water and seek medical attention.

After skin contact Remove completely the glue with a dry cloth or a paper towel before washing with detergent and

water. In case of skin irritation, seeks medical attention.

After inhalation Fresh air and rest if symptoms persist seek medical attention.

After swallowing Seek medical attention.

## 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.

## **SECTION 5. Firefighting measures**

#### 5.1. Extinguishing media

All available media: powder, foam, water fog, CO<sub>2</sub>; (use highly sprayed water). Unsuitable extinguishing media: High volume water jet.

#### 5.2. Special hazards arising from the substance or mixture

CO<sub>2</sub>, CO, nitrogen oxides and soot.

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## **UNIVERSAL EPOXY ADHESIVE**

#### 5.3. Advice for firefighters

Wear protective equipment. Wear self – contained breathing apparatus.

## **SECTION 6. Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

See point 8.

## 6.2. Environmental precautions:

Avoid the product will come into soil, ground water and sewage system.

## 6.3. Methods and material for containment and cleaning up:

In case of spilling wipe scrape or soak up in invert material (sand) and take up mechanically in suitable containers. Disposal in accordance with state and local regulations.

#### 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.

## **SECTION 7. Handling and storage**

#### 7.1. Precautions for safe handling:

Work in compliance with the applicable industrial safety and hygiene rules.. Ensure good ventilation (ventilating hood)in a work place. Avoid spillage. Store away from food. Protect from children..

## 7.2. Conditions for safe storage, including any incompatibilities

Store in dry and closed containers between 5°C and 25°C in well ventilated rooms. Protect from moisture.

## 7.3. Specific end use(s)

Not available.

## **SECTION 8. Exposure controls/personal protection**

The personal protection media should meet the requirements of 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.

Exposure control	NDS [mg/m <sup>3</sup> ]	NDSCH [mg/m <sup>3</sup> ]
_	-	_

## 8.2. Exposure controls

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

## **Breathing equipment:**

Work in well ventilated rooms.

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## **UNIVERSAL EPOXY ADHESIVE**

#### Protection of hands and body:

Wear overalls.

## Eye protection:

Wear safety glasses.

#### **Environmental exposure controls**

Do not allow the product to reach sewage system, ground water, water basins and soil.

## **SECTION 9. Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state high viscosity liquid i (adhesive)

Colour White/cream Specific gravity  $1,1 - 1,3 \text{ g/cm}^3$ Boiling point > 200°C Flash point >200°C Self-ignition temperature >500°C Odour very weak Water solubility insoluble Solubility in esters and ketones soluble

#### 9.2. Other information

Lack of additional tests.

## **SECTION 10. Stability and reactivity**

## 10.1. Reactivity

Not available.

## 10.2. Chemical stability

No dangerous products of decomposition, when stored and handled correctly.

#### 10.3. Possibility of hazardous reactions

Reactions with strong acids and strong oxidizing agents.

## 10.4. Conditions to avoid

No decomposition if stored and used according to recommendations.

## 10.5. Incompatible materials

Not available.

#### 10.6. Hazardous decomposition products

Do not occur if the material is stored and handled properly. CO, CO2, NOx may be emitted if it is unsuitably stored..

## **SECTION 11. Toxicological information**

#### 11.1. Information on toxicological effects

In contact with skin Repeated exposure may cause drying and cracking of skin. Skin contamination with the

mixture may induce local rednesses, pain, skin itching and skin degreasing that brings to

inflammation states.

In contact with eyes Irritating. Eye contamination induces pain, redness of conjunctives and watering.

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## **UNIVERSAL EPOXY ADHESIVE**

After swallowing

Harmful, may cause damage of lungs, nausea and vomiting in case of swallowing...

Allergy

May cause allergy as a result of exposure by inhalation system and in contact with skin. .

Acute toxicity-Component A LD<sub>50</sub> oral>20000 mg/kg (rat) LD<sub>50</sub> dermal >4000 mg/kg (rat)

May cause allergy in particularly sensitive persons in contact with skin.

## **SECTION 12. Ecological information**

## 12.1. Toxicity

Lack of additional tests.

#### 12.2. Persistence and degradability

Lack of additional tests.

#### 12.3. Bioaccumulative potential

Possesses potential to bioaccumulation.

## 12.4. Mobility in soil

Easy 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

Not available For used resin;

LC50 for fish: 2,4 mg/l EC50 for daphnia: 3,6 mg/l

# **SECTION 13. Disposal considerations**

#### 13.1. Waste treatment methods

Both components are distributed in one package in very small amounts. Such small ones are usually completely used up in accordance with their designation If wastes arise. They are destroyed in accordance with local and state regulations.

Waste code:

Waste adhesives and sealants containing organic solvents or other dangerous substations.
 Packaging containing residues of dangerous substations or contaminated with them.

#### **EC Legal instruments**

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

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## **UNIVERSAL EPOXY ADHESIVE**

#### **SECTION 14. Transport information**

### 14.1. UN-Number: 3082

Land transport ADR/RID and GGVSEB 9

(international/state)
Sea transport IMDG/VSee:

9 9

Air transport ICAO – TI I IATA – DGR:

LQ=5L

## 14.2. Proper shipping name

Material hazardous to the environment, i.n.o.

#### 14.3. Transport hazard class(es)

q

#### 14.4. Packing group

III.

#### 14.5. Hazards to environment

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 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

# SECTION 15. Regulatory information

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

The regulation of European Parliament and Council (EC) no. 19o7/2006 of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH), for establishing the European Chemical Agency, changing the directive 1999/45/EC and cancelling the regulation of EEC) no.793/93 and the regulation of Committee(EC) no.1488/94, as well as the directive of council 76/769/EEC and the directives of Committee 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC,

The regulation of European Parliament and Council (EC) no.1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures, changing and cancelling the directives 67/548/EEC and 1999/45/EC and changing the regulation (EC) no.1907/2006

The regulation of Committee (EC) no.790/2009 of 10 August 2009 adopting to the scientific and technological progress the regulation of European Parliament and Council (EC) no 1272/2008 of 16 December 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 of European Parliament and Council concerning the registration, estimation, granting permissions and suitable limits in the range of chemicals ( REACH )

The directive of European Parliament and Council no.2006/12/EC of April 2006 concerning waste.

The directive of Council no. 91/689/EEC of12 December 1991 concerning dangerous waste.

The directive of European Parliament and Council no 94/62/EU. of 20 December 1994 concerning packaging and packaging waste.

#### 15.2. Estimation of chemical safety:

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## **UNIVERSAL EPOXY ADHESIVE**

#### **SECTION 16. Other information**

Explanation of symbols in the 3 point of Safety Data Sheet:

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction H319 – Causes serious eye irritation

H411- Toxic to aquatic life with long lasting effects

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### MSDS developed by NALMAT Trzebinia

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

1.1. Product identifier

Trade name UNIVERSAL EPOXY ADHESIVE – KOMPONENT B

Article number E-198

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

identified uses Component A together with Component B are applied to produce an adhesive that has versatile

application. It is used for bonding and filling in losses almost all materials.

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

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jakosc@technicqll.pl

1.4. Emergency telephone number:

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

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### **SECTION 2. Hazards identification**

## 2.1. Classification of the substance or mixture

Human health hazards: H314 – Causes severe skin burns and eye damage.

H317 – May cause an allergic skin reaction. H318 – Causes serious eye damage. H341 - Suspected of causing genetic defects.

Environmental hazards: -

Physical and chemical hazards: -

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## **UNIVERSAL EPOXY ADHESIVE**

#### 2.2. Label elements

EUH208 – Contains Triethylenetetramine (No. EC: 203-950-6) and 3-dimethylaminopropylamine (No. EC: 203-680-9). May produce an allergic reaction.







#### DANGER

H314 – Causes severe skin burns and eye damage.

H317 – May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H341 - Suspected of causing genetic defects.

P102 - Keep out of reach of children

P280- Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - IF ON SKIN: Wash with 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 occurs: Get medical advice/attention.

P501 – Dispose of contents/container to a mine waste dump.

## 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.

## **SECTION 3. Composition/information on ingredients**

## 3.1. Substance: -

## 3.2. Mixtures

Description	CAS	EC	REACH No	Content %	Classification
Triethylenetetramine	112-24-3	203-950-6	01-2119487919- 13-XXXX	<5	Acute Tox.4, H312, Skin Corr. 1B, H314 Skin Sens.1, H317 Aquatic Chronic 3, H412 [GHS07, GHS05 – Danger]
3-dimethylaminopropylamine	109-55-7	203-680-9	01-2119486842- 27-XXX	<2,5	Flam. Liq.3, H226, Acute Tox.4, H302, Skin Corr. 1B, H314, Skin Sens.1, H317 [GHS07, GHS05, GHS02 – Danger
benzyl alcohol	100-51-6	202-859-9	01-2119492630- 38-XXXX	<6	Acute Tox.4, H302 Acute Tox.4, H332 [GHS07,– Uwaga]

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## **UNIVERSAL EPOXY ADHESIVE**

2,4,6-tris(dimethylaminomehtyl)-	90-72-2	202-013-9	01-2119560597-	<2,5	Acute Tox.4, H302, Eye
phenol			27		Irrit.2, H319
					Skin Irrit.2, H315
					[GHS07,-Warning]
Phenol	108-95-2	203-632-7	01-2119882293-		Muta.2, H341,
			32-0000		Acute Tox. 3, H331
				0,5-1	Acute Tox. 3, H311
					Acute Tox. 3, H301
					STOT RE. 2, H373
					Skin Corr. 1B, H314,
					For: c<3% : Eye Irrit. 2,
					H319, Skin Irrit. 2,
					H315
					Muta. 2, H341)
					[GHS06, GHS05,
					GHS08 – Danger]

## **SECTION 4. First aid measures**

4.1 Description of first aid measures

After eye contact In case of contact flush eyes immediately with plenty of water and seek medical attention.

After skin contact Remove completely the glue with a dry cloth or a paper towel before washing with detergent and

water. In case of skin irritation seeks medical attention.

After inhalation Fresh air and rest if symptoms persist seek medical attention.

After swallowing Drink two glasses of water. Do not provoke vomiting. Seek medical attention.

## 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.

## **SECTION 5. Firefighthing measures**

## 5.1. Extinguishing media

All available media: powder, foam, water fog, CO<sub>2</sub>; (use highly sprayed water).

Unsuitable extinguishing media: High volume water jet.

## 5.2. Special hazards arising from the substance or mixture

CO<sub>2</sub>, CO, nitrogen oxides and soot.

## 5.3. Advice for firefighters

Wear protective equipment. Wear self – contained breathing apparatus.

## **SECTION 6. Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

See point 8.

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## **UNIVERSAL EPOXY ADHESIVE**

#### 6.2. Environmental precautions:

Avoid the product will come into soil, ground water and sewage system.

## 6.3. Methods and material for containment and cleaning up:

In case of spilling wipe scrape or soak up in invert material (sand) and take up mechanically in suitable containers. Disposal in accordance with state and local regulations.

#### 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.

## **SECTION 7. Handling and storage**

## 7.1. Precautions for safe handling:

Ensure good ventilation and keep in dry work place. Avoid spilling. Keep away from food. Protect from frost. Keep away from sources of ignition - No smoking.

## 7.2. Conditions for safe storage, including any incompatibilities

Store in dry and closed containers between 50C and 250C in well ventilated rooms. Take precautionary measures against static discharges.

### 7.3. Specific end use(s)

Not available.

## **SECTION 8. Exposure controls/personal protection**

The personal protection media should meet the requirements of the 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.

Exposure control	NDS [mg/m <sup>3</sup> ]	NDSCH [mg/m <sup>3</sup> ]
benzyl alcohol	240	-
Triethylenetetramine	1	3

## 8.2. Exposure controls

#### Breathing equipment:

Work in well ventilated rooms.

## Protection of hands and body:

Wear overalls.

## Eye protection:

Wear safety glasses.

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## **UNIVERSAL EPOXY ADHESIVE**

#### **Environment exposure control**

Do not allow the product to reach sewage system, ground water, water reservoirs, and soil.

## **SECTION 9. Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Psychical state liquid

Density 1,17 – 1,18 g/cm³
Dynamic viscosity 1000-2000 mPas
Boiling point >135°C

Ignition point >76°C
Decomposition point >150°C

Self-ignition the product is not self-igniting

Odour typical for amines
Solubility in water partly soluble
Solubility in ketones and esters soluble

#### 9.2. Other information

Lack of additional tests.

## **SECTION 10. Stability and reactivity**

## 10.1. Reactivity

Not available.

#### 10.2. Chemical stability

The product is stable if it is properly handled and storage.

## 10.3. Possibility of hazardous reactions

Reactions with strong acids and strong oxidizing agents.

## 10.4. Conditions to avoid

Peroxides, acids, aldehydes, ketones.

#### 10.5. Incompatible materials

Not available.

#### 10.6. Hazardous decomposition products

Do not occur if the product is properly stored. In case of unsuitable storage CO,CO2, NOx may be bemitted.

## **SECTION 11. Toxicological information**

## 11.1. Information on toxicological effects

Irritating product. Irritating to eyes and skin. May cause allergy in persons particularly sensitive in contact with skin.

For epoxy resin:

LD50 oral>50000 mg/kg (rat)

LD50 dermal >23 500 mg/kg (rabbit)

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## **UNIVERSAL EPOXY ADHESIVE**

## **SECTION 12. Ecological information**

## 12.1. Toxicity

For used resin;

LC50 for fish: 2,4 mg/l EC50 for daphnia: 3,6 mg/l

## 12.2. Persistence and degradability

Lack of additional tests.

## 12.3. Bioaccumulative potential

Possesses potential to bioaccumulation.

## 12.4. Mobility in soil

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

Component B: Do not allow the product to reach sewage system, ground water, water basins and soil.

## **SECTION 13. Disposal considerations**

### 13.1. Waste treatment methods

Both components are distributed in one package in very small amounts. One package contains no more than 100g each of them. Such small amounts are usually used up completely in accordance with their designation. Waste material

is undergone destroying in accordance with the state and local regulations.

Observe the regulation of law of 27.04.2001r waste products (Dz. U. Nr 62, pos. 628) with later changes. Observe the regulation of law of 27.05. 2001r of packages and package waste. (Dz. U. Nr 63, pos. 638)

Waste code:

Waste adhesives and sealants containing organic solvents or other dangerous substations.
 Packaging containing residues of dangerous substations or contaminated with them.

## **SECTION 14. Transport information**

#### 14.1. UN-Number:

The Component 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)
Sea transport IMDG/VSee:

Air transport ICAO – TI I IATA – DGR:

### 14.2. Proper shipping name

Not applicable.

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# **SAFETY DATA SHEET**

according to 830/2015/EC, 28.05.2015

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## **UNIVERSAL EPOXY ADHESIVE**

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Hazards to environment

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 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

## **SECTION 15. Regulatory information**

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

The regulation of European Parliament and Council (EC) no. 1907/2006 of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH), for establishing the European Chemical Agency, changing the directive 1999/45/EC and cancelling the regulation of EEC) no.793/93 and the regulation of Committee(EC) no.1488/94, as well as the directive of council 76/769/EEC and the directives of Committee 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC,

The regulation of European Parliament and Council (EC) no.1272/2008 of 16 December 2008 concerning the classification, labelling and packing the substances and mixtures, changing and cancelling the directives 67/548/EEC and 1999/45/EC and changing the regulation (EC) no.1907/2006

The regulation of Committee (EC) no.790/2009 of 10 August 2009 adopting to the scientific and technological progress the regulation of European Parliament and Council (EC) no 1272/2008 of 16 December 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 of European Parliament and Council concerning the registration, estimation, granting permissions and suitable limits in the range of chemicals ( REACH )

The directive of European Parliament and Council no.2006/12/EC of April 2006 concerning waste.

The directive of Council no. 91/689/EEC of 12 December 1991 concerning dangerous waste.

The directive of European Parliament and Council no 94/62/EU. Of 20 December 1994 concerning packaging and packaging waste.

### 15.2. Estimation of chemical safety:

# **SECTION 16. Other information**

Explanation of symbols in the 3 point of Safety Data Sheet:

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H319 – Causes serious eye irritation

H332 – Harmful if inhaled

H411- Toxic to aquatic life with long lasting effects

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## **UNIVERSAL EPOXY ADHESIVE**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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