

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

Date: 2011-04-29
Update: 2017-12-18



QUICK EPOXY ADHESIVE

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

1.1. Product identifier

Trade name	QUICK EPOXY ADHESIVE – COMPONENT A
Article number	E-358

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

identified uses	Component A and component B after mixing bond most materials giving durable transparent joints. The product is characterized by a very fast time of bonding.
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

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
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Environmental hazards:	Toxic to aquatic life with long lasting effects
Physical and chemical hazards:	-

2.2. Label elements

Labelling according to 1272/2008/EC

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 symbol:



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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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.

3. Composition/information on ingredients

3.1. Substance: -

3.2. Mixtures

Description	CAS	EC	Reach No	Content %	Classification
epoxy resin (average molecular weight <700)	25068-38-6	500-033-5	01-2119456619-26-XXXX	70-90	Eye Irrit.2, H319 Skin Irrit.2, H315 Skin Sens.1, H317 Aquatic Chronic 2 H411
Bisphenol resin with F-epichlorohydrin	9003-36-5	500-006-8	01-2119454392-40-XXXX	>30	Eye Irrit.2, H319 Skin Irrit.2, H315 Skin Sens.1, H317 Aquatic Chronic 2 H411

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 condition.

5. Firefighting measures

5.1. Extinguishing media

All available media: powder, foam, water fog, CO₂; (use highly sprayed water).
Unsuitable extinguishing media: High volume water jet.

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5.2. Special hazards arising from the substance or mixture

CO₂, CO, nitrogen oxides and soot.

5.3. Advice for firefighters

Wear protective equipment. Wear self – contained breathing apparatus.

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 inert 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 handling – 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:

Ensure good ventilation and keep in a dry work place. Avoid spilling. Keep away from food. Protect from frost.

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.

7.3. Specific end use(s)

Not available.

8. Exposure controls/personal protection

The personal protection media should fulfil the requirements of instructions of the Cabinet of 31.03.2003 and the instructions (Journal of Law. No 80, section. 725) and the instructions of the Cabinet of 10.10.2005 (Journal of Law. No 212, section. 1769)

8.1. Control parameters

Ingredients with limit values that require monitoring in the work place.

Exposure control	NDS [mg/m ³]	NDSCH [mg/m ³]
-	-	-

8.2. Exposure controls

Breathing equipment:

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Work in well ventilated rooms.

Protection of hands and body:

Wear overalls.

Eye protection:

Wear safety glasses.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	high viscous liquid
Density	1,1 – 1,2 g/cm ³
Boiling point	>200°C
Flash point	>200°C
Odour	very weak
Autoignition point	>500°C
Solubility in water	insoluble
Solubility in ketones and esters	soluble
Dynamic Viscosity (25°C)	7000- 10000 mPas

9.2. Other information

Lack of additional tests.

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 handled and stored suitably.

11. Toxicological information

11.1. Information on toxicological effects

Component A - Acute toxicity
LD₅₀ oral >20000 mg/kg (rat)

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12. Ecological information

12.1. Toxicity

Component A:

Does not contain volatile ingredients, does not constitute hazard for the atmospheric air but as a substance semi-solid, insoluble in water and very difficult to biodegradation it may induce long-term adverse effects in the aquatic environment. Do not allow the product to enter sewage system, ground water, water basins and soil..

Epoxy resin (average molecular mass < 700)

LC50 for fish: 1,5 – 7,7 mg/l/96h

EC50 for daphnia: 1,1 - 3,6 mg/l/24h

EC50 for algae: 220 mg/l/96h

12.2. Persistence and degradability

Lack of additional tests.

12.3. Bioaccumulative potential

Possesses potential to bioaccumulation.

12.4. Mobility in soil

Easily absorbed in 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.

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:

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.

14. Transport information

14.1. UN-Number: 3082

Land transport ADR/RID and GGVSEB 9
(international/state)

Sea transport IMDG/VSee: 9

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Air transport ICAO – TI IATA – DGR:

9
LQ=5L

14.2. Proper shipping name

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

14.3. Transport hazard class(es)

9

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 the cargo 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 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, labeling 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, labeling 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 5 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:

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16. Other information

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

Eye Irrit.2 – Eye irritating cat. 2

Skin Irrit.2 – Skin irritating cat. 2

Skin Sens.1 – Skin sensitive cat. 1.

Aquatic Chronic 2 – Creating hazard for the aquatic environment cat. 2.

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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.

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

1.1. Product identifier

Trade name	QUICK EPOXY ADHESIVE – COMPONENT B
Article number	E-358

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

identified uses	Component A and component B after mixing bond most materials giving durable transparent joints. The product is characterized by a very fast time of bonding.
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

2.1. Classification of the substance or mixture

Human health hazards:	-
Environmental hazards:	-
Physical and chemical hazards:	-

2.2. Label elements

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

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Description	CAS	EC	REACH No	Content %	Classification
2,4,6-tris(dimethylaminomethyl)-phenol	90-72-2	202-013-9	01-2119560597-27	<5	Acute Tox.4, H302, Eye Irrit.2, H319 Skin Irrit.2, H311

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.

5. Firefighting measures

5.1. Extinguishing media

All available media: powder, foam, water fog, CO₂; (use highly sprayed water).

Unsuitable extinguishing media: High volume water jet.

5.2. Special hazards arising from the substance or mixture

CO₂, CO, nitrogen oxides and soot.

5.3. Advice for firefighters

Wear protective equipment. Wear self – contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Protection section of chapter 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 inert material and take up mechanically in suitable containers. Disposal in accordance with local regulations.

6.4. Reference to other sections

Information concerning safe handling – 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:

Ensure good ventilation and keep in dry work place. Avoid spilling. Keep away from food. Protect from frost.

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.

7.3. Specific end use(s)

Not available.

8. Exposure controls/personal protection

The personal protection media should fulfil the requirements of instructions of the Cabinet of 31.03.2003 ad the instructions (Dz. U. Nr 80, pos. 725) and the instructions of the Cabinet of 10.10.2005 (Dz. U. Nr 212, pos. 1769)

8.1. Control parameters

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

Exposure control	NDS [mg/m ³]	NDSCH [mg/m ³]
-	-	-

8.2. Exposure controls

Breathing equipment:

Work in well ventilated rooms.

Protection of hands and body:

Wear overalls.

Eye protection:

Wear safety glasses.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	high viscous liquid
Density	1,2 – 1,3 g/cm ³
Boiling point	-
Flash point	137°C
Odour	characteristic
Self-ignition temperature	-
Solubility in water	partly soluble
Solubility in ketones and esters	soluble
Dynamic Viscosity (25°C)	10000-16000 mPas

9.2. Other information

Lack of additional tests.

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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

CO, CO₂, NO_x.

11. Toxicological information**11.1. Information on toxicological effects**

Component B - Acute toxicity

LD₅₀ oral >20000 mg/kg (rat)

12. Ecological information**12.1. Toxicity**

Component B:

The product is not subject to biodegradation in biological treatment plants. Excessive amounts may cause the biomass poisoning. May be toxic for fish in big concentrations. Do not allow to reach sewage system, ground water, water basins and soil.

12.2. Persistence and degradability

Lack of additional tests.

12.3. Bioaccumulative potential

Possesses potential to bioaccumulation.

12.4. Mobility in soil

Easily absorbed in 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

Do not allow it to reach the soil, ground waters or the sewage system.

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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:

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.

14. Transport information

14.1. UN-Number:

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.

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

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,

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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, labeling and packing the substances and mixtures

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The directive of European Parliament and Council no.2006/12/EC of 5 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:

-

16. Other information

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

Acute Tox. 4 – Acute toxic Cat. 4

Skin Irrit 2 – Skin irritating Cat. 2

Eye Irrit. 2 – Eye irritating Cat. 2

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MSDS developed by NALMAT Trzebinia