

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

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

**1.1. Product identifier**

Trade name	<b>NM QUICK EPOXY ADHESIVE – COMPONENT A</b>
Article number	E-358 – 2X12 ml E-475 – 2X3 ml
UFI:	HT60-X07Y-W00H-2YEK

**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 <a href="http://www.technicqll.pl">www.technicqll.pl</a> <a href="mailto:office@technicqll.pl">office@technicqll.pl</a> <a href="mailto:jakosc@technicqll.pl">jakosc@technicqll.pl</a>
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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:	Causes skin irritation. May cause an allergic skin reaction. 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.  
Contains: bis-[4-(2,3-epoxipropoxy)phenyl]propane and Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

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

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK 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 plenty of 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
bis-[4-(2,3-epoxipropoxy)phenyl]propane	1675-54-3	216-823-5	01-2119456619-26-XXXX	65-70	Eye Irrit.2, H319 Skin Irrit.2, H315 Skin Sens.1, H317 Aquatic Chronic 2 H411
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	9003-36-5	500-006-8	01-2119454392-40-XXXX	22-25	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, CO<sub>2</sub>; (use highly sprayed water).  
Unsuitable extinguishing media: High volume water jet.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**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.

**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 utilization - 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 <sup>3</sup> ]	NDSCH [mg/m <sup>3</sup> ]
-	-	-

**2,2-bis [4- (2,3-epoxypropoxy) phenyl] propane**

DNEL value for workers under short-term exposure through the skin (systemic effect): 8.3 mg / kg bw / day.

DNEL value for workers under short-term exposure by inhalation (systemic effects): 12.3 mg / m<sup>3</sup>.

DNEL value for workers under long-term dermal exposure (systemic effects): 8.3 mg / kg bw / day

DNEL value for workers under long-term exposure by inhalation (systemic effects): 12.3 mg / m<sup>3</sup>

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

## NM QUICK EPOXY ADHESIVE

DNEL value for the general population, including consumers, under short-term dermal exposure (systemic effects): 3.6 mg / kg bw / day.  
DNEL value for the general population, including consumers, under short-term exposure by inhalation (systemic effects): 0.75 mg / m<sup>3</sup>.  
DNEL value for the general population, including consumers, under conditions of short-term oral exposure (systemic effects): 0.75 mg / kg bw / day  
DNEL value for the general population, including consumers, under long-term dermal exposure (systemic effects): 3.6 mg / kg bw / day  
DNEL value for the general population, including consumers, under conditions of long-term exposure by inhalation (systemic effects): 0.75 mg / m<sup>3</sup>.  
DNEL value for the general population, including consumers, under long-term oral exposure (systemic effects): 0.75 mg / kg bw / day

PNEC value for the sewage treatment plant environment: 10.0 mg / l  
PNEC value for the fresh water environment: 3 ug / l  
PNEC value for the marine water environment: 0.3 ug / l  
PNEC value for the sludge environment: 0.05 mg / kg  
PNEC value for the fresh water sediment environment: 0.5 mg / kg  
PNEC value for the marine sediment environment: 0.5 mg / kg

Formaldehyde, an oligomeric reaction product with 1-chloro-2,3-epoxypropane and phenol

DNEL value for workers under short-term exposure through the skin (local effect): 8.3 ug / cm<sup>2</sup>  
DNEL value for workers under long-term dermal exposure (systemic effects): 104.15 mg / kg bw / day  
DNEL value for workers under long-term exposure conditions by inhalation (systemic effects): 29.39 mg / m<sup>3</sup>  
DNEL value for the general population, including consumers, under long-term dermal exposure (systemic effects): 62.5 mg / kg bw / day  
DNEL value for the general population, including consumers, under long-term inhalation exposure (systemic effects): 8.7 mg / m<sup>3</sup>.  
DNEL value for the general population, including consumers, under long-term oral exposure (systemic effects): 6.25 mg / kg bw / day

PNEC value for the sewage treatment plant environment: 10.0 mg / l  
PNEC value for the fresh water environment: 0.003 mg / l  
PNEC value for the marine water environment: 0.0003 mg / l  
PNEC value for soil environment: 0.237 mg / kg  
PNEC value for the fresh water sediment environment: 0.294 mg / kg  
PNEC value for the marine sediment environment: 0.0294 mg / kg

### 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	1,01 – 1,2 g/cm <sup>3</sup>
Boiling point	>200°C
Flash point	>200°C
Odour	very weak
Autoignition point	>500°C

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

## NM QUICK EPOXY ADHESIVE

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

#### 2,2-bis [4- (2,3-epoxypropoxy) phenyl] propane

LD 50 - oral: 30,000 mg / kg (rat) - no acute toxicity in repeated studies in mice and rats

LD50 - skin> 2000 mg / kg (rat)

LD50 - skin> 2000 mg / kg (rabbit) - one rabbit showed: LD50 23 g / kg

#### Formaldehyde, an oligomeric reaction product with 1-chloro-2,3-epoxypropane and phenol

LD 50 - oral> 2000 mg / kg (rat)

LD50 - skin> 2000 mg / kg (rabbit)

Irritating to eyes and skin. In particularly sensitive people it may cause sensitization by contact with skin.

## 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.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**12.2. Persistence and degradability**

**2,2-bis [4- (2,3-epoxypropoxy) phenyl] propane**

OECD 301F biodegradation level was 5% for 28 days.

The level of biodegradation according to OECD 301B reached 6% - 12% after 28 days.

**Formaldehyde, an oligomeric reaction product with 1-chloro-2,3-epoxypropane and phenol**

Biodegradation level according to OECD 301B and OECD 301D - 16% for 10 mg / l / 28 days.

**12.3. Bioaccumulative potential**

**2,2-bis [4- (2,3-epoxypropoxy) phenyl] propane**

has a low potential for bioaccumulation in aquatic organisms

Bioconcentration factor: 3 - 31

LogPow: 3.24 at 250C

**Formaldehyde, an oligomeric reaction product with 1-chloro-2,3-epoxypropane and phenol**

does not bioaccumulate

BCF = 150 l / kg

**12.4. Mobility in soil**

Formaldehyde, an oligomeric reaction product with 1-chloro-2,3-epoxypropane and phenol

Log Koc <3.65 (OECD121)

**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.

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 (international/state) 9

Sea transport IMDG/VSee: 9

Air transport ICAO – TI I IATA – DGR: 9

LQ=5L

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**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**

Toxic to aquatic life with long lasting effects.

**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.

Training recommendations:

Before an employee is allowed to work, he should undergo health and safety training regarding the handling of chemicals. Persons working on transport, involved in the circulation of a hazardous substance / mixture should also be trained in the field of work safety and procedures.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

Source materials:  
Legal provisions cited in point 15  
Information Bureau for Chemical Substances  
Safety Data Sheet for the producers of the components of the mixture.

According to Art. 9 of Reg. (EC) No. 1272/2008, a calculation rule was used to classify this mixture.

Update: Section: 2.3, 15.

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	<b>NM QUICK EPOXY ADHESIVE – COMPONENT B</b>
Article number	E-358 – 2X12 ml E-475 – 2X3 ml

**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.
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uses advised against	-
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**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 <a href="http://www.technicqll.pl">www.technicqll.pl</a> <a href="mailto:office@technicqll.pl">office@technicqll.pl</a> <a href="mailto:jakosc@technicqll.pl">jakosc@technicqll.pl</a>
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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:	-



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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**2.2. Label elements:**

Contains: 2,4,6-tris(dimetyloaminometylo)-fenol ( CAS: 90-72-2 ).

**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
2,4,6-tris(dimethylaminomethyl)-phenol	90-72-2	202-013-9	01-2119560597-27-XXXX	4-5	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, 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.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**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 utilization - section / chapter 13.

**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 <sup>3</sup> ]	NDSCH [mg/m <sup>3</sup> ]
-	-	-

**8.2. Exposure controls**

**Breathing equipment:**

Work in well ventilated rooms.

**Protection of hands and body:**

Wear overalls.

**Eye protection:**

Wear safety glasses.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state	high viscous liquid
Density	1,09 – 1,3 g/cm <sup>3</sup>
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.

**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, CO<sub>2</sub>, NO<sub>x</sub>.

**11. Toxicological information**

**11.1. Information on toxicological effects**

**For 2,4,6-tris (dimethylaminomethyl) phenol:**

LD50 - Oral (Rat) - 1378 mg / kg - 1968 mg / kg

LD50 - Skin (Rat) - 1280 mg / kg

**12. Ecological information**

**12.1. Toxicity**

**For 2,4,6-tris (dimethylaminomethyl) phenol:**

LC50 - Fish - 153 mg / L / 96 h

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**12.2. Persistence and degradability**

For 2,4,6-tris (dimethylaminomethyl) phenol:  
Degradability: 4%.

**12.3. Bioaccumulative potential**

For 2,4,6-tris (dimethylaminomethyl) phenol:  
LogKow = 0.77

**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.

**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.

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



Date: 2011-04-29  
Update: 2020-05-18  
Version: III

**NM QUICK EPOXY ADHESIVE**

**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 Council (EC) no.1488/94, as well as the directive of Council 76/769/EEC and the directives of Council 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 Council (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 the symbolism contained in the Safety Data Sheet:

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation.

Acute Tox. 4 - Acute toxicity Cat. 4

Skin Irrit 2 - Skin irritation Cat. 2

Eye Irrit. 2 - Eye irritation Cat. 2

Source materials:

Legal provisions cited in point 15

Information Bureau for Chemical Substances

Safety Data Sheet for the producers of the components of the mixture.

According to Art. 9 of Reg. (EC) No. 1272/2008, a calculation rule was used to classify this mixture.

Training recommendations:

Before an employee is allowed to work, he should undergo health and safety training regarding the handling of chemicals. Persons working on transport, participating in the circulation of a hazardous substance / mixture should also be trained in the field of work safety and procedures

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



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**NM QUICK EPOXY ADHESIVE**

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Update: Point 2,3,15.

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**MSDS developed by NALMAT Trzebinia**