

Material Safety Data Sheet in accordance with the regulations (EG) No. 1907/2006(REACH)Trade Name : **Logic IN DP-A****Logic Chemie**

Version : 1.1/ 16.11.2025

Print Date: 16.11.2025

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1. Presentation of substance or mixed and the company**1.1 Description of the product:** **Logic IN DP-A****1.2 Preparat's related identified uses:** Concrete impregnation, component A,**1.3 Information of the supplier of safety data sheet**

Producer informations / Suppliers	Logic Chemie Kastanjelaan 157a NL-4621HL Bergen op Zoom Telephone 0031626354489
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Informations of the emergency	Telephone 0031626354489
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2. Potential Dangers**2.1 Classification of the preparat** **In accordance with (EG) Nr. 1272/2008 (GHS) Regulation**Inflammable liquid and vapor.
Danger Category 2; H225**label items****Signal word** **Danger****Danger Explanations**
H226 Easily inflammable liquid and vapor
H319 It causes serious eye irritation.
H315 It causes skin irritation.**Safety**
P210 Keep away from heat, sparks, open flames and hot surfaces.
You do not smoke.
P280 Use protective gloves / protective clothing / eye protection / face protection.**3. Information on the composition / contents****3.1 Material** The product is classified as a mixture.
Chemical classification Epoxy resin, bisphenol base
(Preparat) Solvent**3.2 Mixture / danger compositions**

EG-No CAS no.	Material name	Danger	Classification 67/548/EWG	Classification 1272/2008
25068-38-6	Epoxidharz, Molgew.>400	<30%	R22, R53	
Solvent	Butanone, Glycol ether	>30%	R11, R18, R22	
	Xylol	< 5%	R11, R18, R22	

Refer to 16. Section for text of R- H- and EUH- sentences

4. First aid precautions**4.1 Description of the required first aid****After the eye contact:** Wash with plenty of water.**After the dermal contact:** Wash with water. Consult a doctor in case of irritation.**In case of breathed:** Go out for fresh air.**If it swallowed:** DO NOT INDUCE VOMITING. IT IS DANGEROUS IF SWALLOWED Immediately consult a doctor.**5. Firefighting measures****5.1 Extinguishing vehicle**Suitable extinguishing material: Alcohol-resistant foam, water spray, powder or carbon dioxide (CO₂) fire extinguisher

Inappropriate extinguishing material: High pressure water jet

5.2 Other dangerous situations arising from the substance or mixture

Dangerous decomposition products: Carbon monoxide, fumes, fog, incomplete combustion

5.3 Advice for firemen on major accidents - independent respiratory equipment should be worn**6. ACTIONS TO BE TAKEN FOR accidents****6.1 Personal precautions** Avoid contact with eyes and skin. Do not inhale vapors / aerosols in case of emergencies.

Remove unnecessary people from the area Use protective equipment.

Personal protective equipment: Personal protective equipment should be adapted to the situation
- Wear barricaded glasses

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6.2 Environmental measures: Do not discharge into the sewer.

7. Transport And Storage

7.1 Measures

Chemical processing regulations must be adhered to.
- Avoid contact with skin and eyes. Keep container tightly closed.
Adequate air exchange and / or exhausts maintenance in work rooms
Storage class: 3 Inflammable Liquid

8. Personal protective equipment

8.1 Protective equipment

Use protective glasses, protective gloves and breathing apparatus with a suitable filter.

- Recommended filtration type: A

8.2 Other protective measures

By choosing personal protective equipment resulting from workplace and transfer.

Protection of hands

Gloves made of nitrile and viton.

Protective gloves made of nitrile or Viton as Camatril velor 730 Exposure > 480 minutes

7 Basic physical and chemical properties

9.1 Basic physical and chemical properties

Physical situation

liquid

Color

colorless, clear

Smell

butanone

Basic information on safety

Melting temperature

<0

°C

Boiling point - range (1013 hPa)

>80

°C

DIN 51 751

Density (20 °C)

0,9

g/ml

Vapor pressure (20 °C)

ca. 250

hPa

DIN 51 754

Viscosity

ca. 1

mPas

DIN 51 562

Solubility in water:

partially

g/l

Flaming point:

<21

°C

Combustion

>400

°C

DIN 51 794

9.3 Relevant features of substance groups

Explosive substances / mixtures

The formation of the vapor / air mixtures are possible.

Inflammable gases

Product is liquid

However, the explosive vapor / air mixtures' formation

inflammable aerosols, inflammable liquid

Inflammable liquid

The product is classified as inflammable (<21 °C)

Self-reactive substances and mixtures

it is not reactive

Pyrophoric liquids

it is not pyrophoric

Self-heating substances / mixtures

Self-heating substances / mixtures in contact with heated,

In contact with inflammable gases, inflammable gases are emitted

Oxidizing properties - is not oxidizing

Organic peroxide

It is corrosive for metals

9.4 Informations of other safety

Explosion limits:

UEG 0,5Vol.% / OEG 11,0Vol.%

Conductivity

It is not conductive

8 Stability and reactivity

10.1 Reactivity

It is stable under recommended storage conditions.

10.2 Chemical Stability:

Auto-ignition temperature > 200 °C

It is stable under normal conditions.

10.3 Possibility of dangerous reactions

The product is an inverter hydrocarbon.

10.4 Situations to be avoided:

Open flames, sparks or extreme heat

10.5 Incompatible materials

Strong oxidizing substances

10.6 Dangerous decomposition products:

The product does not decompose at ambient temperatures

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11. Information on toxicology

11.1 Acute toxicity

After eye contact: H319 It causes severe eye irritation.
After dermal contact: It causes skin irritation.
In case of breathed: LC50: 34 mg/l (guideline; 4h)
If it swallowed: LD50: >2193 mg/kg (guideline) (OECD 423)

11.2 Chronic toxicity

After dermal contact: Prolonged or repeated contact may cause irritation.
In case of breathed: No side effects are expected normally.
If it swallowed: No side effects are expected normally.
IT IS DANGEROUS IF SWALLOWED When symptoms appear 4.1

12. Ecological information

12.1 Toxicity

Acute toxicity:

Water hazard class: Class 2 (self-assessment): dangerous for water Do not let it enter the underground waters.
Do not let it get in the drinking water.

12.2 Continuity and Biological decomposition

Hydrolysis: Because of hydrolysis, transformation does not occur.

Photolysis: -
Because of hydrolysis, transformation does not occur.

Air oxidation: -
Biodegradability: It is not easily decomposable biologically (solvent)
it cannot easily decomposable biologically (epoxy)

12.3 Conclusion of PBT and vPvB evaluation

Not applicable

12.4 Other environmental impacts

No information is available.

13. Dispose

Waste treatment methods

It is forbidden to be disposed of together with household waste.
Dispose of it only in accordance with official legislation (eg paint cans).
Disposal according to EC Directives 75/442 / EEC and 91/689 / EEC on waste -rat
Dispose of waste according to waste and dangerous waste instructions of the EC directives 75/422 / EEC and 91/689 / ECC in latest versions.

Disposal of the product packaging

Disposal of paint boxes with wastes

Waste key (EWC)
Package

20 01 12 Resin residues, processing
dispose of the container completely

14. Shipment information

14.1 Land shipment ADR / RID / GGVSE

Class: 3
Figure/Letter: 33b
UN-Nr.: 1193

14.2 Maritime Transport IMDG-Code / GGVSee

3.2/2

14.3 Air transport ICAO-IATA / DGR

Dangerous

15. CONDITIONS

15.1 Safety, health and environment related substance or mixture specific legislations

Nationality regulations: It is subject to VOC-Directive 1999/13/EG, VOC-RL
Threat class for water (WGK): WGK 2 (self-assessment) is dangerous for water.
EINECS: All contents are listed.
Registered substance (ELINCS).
TSCA: All contents are listed or exempt.
AICS: All contents are listed .

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IECSC: All contents are listed or exempt.
KECL: All contents are listed .
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PICCS: All contents are listed .
_*
DSL: All contents are listed or exempt.
ENCS/ISHL: All contents are listed .
_*

16. Other informations

16. The classification of the mixtures used has been applied in accordance with the Regulation (EC) Nr. 1207/2008 (CLP)

Asp. 1 - H304

Based on test data

Aqu. chron. 4 - H413

Calculation method based on test data

EUH 066

16.2 Full text of R and H and EUH phrases.

(Number and text)

H 304 It can be fatal when it swallowed or enter to airways
With long-term effects it can be harmful to life in the water.
H 413
EUH066 Repeated exposure may cause skin dryness and cracking.
-
R 65- Harmful: may cause lung damage if swallowed.
-
R 66 Repeated contacts can cause rough or torn skin
-
R 53 It may cause long-term adverse effects
-

16.3 Other notes

The informations in this SDS is based on our current knowledge. It is equivalent to our knowledge and experience. - It is only regarding to the product. If these informations are changed for any reason, it is subject to change without informing.

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It does not carry any warranty means in respect of integrity or accuracy of it.
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Material Safety Data Sheet in accordance with the regulations (EG) No. 1907/2006(REACH)Trade Name : **Logic IN DP-B****Logic Chemie**

Version : 1.1/ 16.11.2025

Print Date: 16.11.2015

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1. Presentation of substance or mixed and the company**1.1 Description of the product:** **Logic IN DP-B****1.2 Preparat's related identified uses:** Concrete impregnation, component B,**1.3 Information of the supplier of safety data sheet**

Producer informations / Supplier	Logic Chemie Kastanjelaan 157a NL-4621HL Bergen op Zoom Telephone 0031626354489
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Informations of the emergency	Telephone 0031626354489
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2. Potential Dangers**2.1 Classification of the preparat** **In accordance with (EG) Nr. 1272/2008 (GHS) Regulation**

Inflammable liquid and vapor.

Danger Category 2; H225

2.2 label items**Signal word** **Danger**

Danger Explanations	H225	H226 Easily inflammable liquid and vapor
	H309	H319 It causes serious eye irritation.
	H315	It causes skin irritation.

Safety	P210	Keep away from heat, sparks, open flames and hot surfaces. You do not smoke.
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	P280	Use protective gloves / protective clothing / eye protection / face protection.
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3. Information on the composition / contents

3.1 Material	The product is classified as a mixture.		
<i>Chemical classification (Preparat)</i>	a) Epoxy resin, bisphenol base	b) modified epoxy hardening material	Solvent
	Solvent		Solvent

3.2 Mixture / danger compositions

EG-No	Material name	Danger	Classification	Classification
CAS no.			67/548/EWG	1272/2008
100-51-6	modif. Aminaddukt	<30%	R26/27/28, R34	
Solvent	Glycol ether	>30%	R11, R18, R22	
	Xylol	< 5%	R11, R18, R22	

Refer to 16. Section for text of R- H- and EUH- sentences

4. First aid precautions**4.1 Description of the required first aid****After the eye contact:** Wash with plenty of water.**After the dermal contact:** Wash with water. Consult a doctor in case of irritation.**In case of breathed:** Go out for fresh air.**If it swallowed:** DO NOT INDUCE VOMITING. IT IS DANGEROUS IF SWALLOWED Immediately consult a doctor.**5. Firefighting measures****5.1 Extinguishing vehicle**Suitable extinguishing material: Alcohol-resistant foam, water spray, powder or carbon dioxide (CO₂) fire extinguisher

Inappropriate extinguishing material: High pressure water jet

5.2 Other dangerous situations arising from the substance or mixture

Dangerous decomposition products: Carbon monoxide, fumes, fog, incomplete combustion

5.3 Advice for firemen on major accidents - independent respiratory equipment should be worn**6. ACTIONS TO BE TAKEN FOR accidents****6.1 Personal precautions Avoid contact with eyes and skin. Do not inhale vapors / aerosols in case of emergencies.****Remove unnecessary people from the area Use protective equipment.****Personal protective equipment:** Personal protective equipment should be adapted to the situation
- Wear barricaded glasses

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6.2 Environmental measures: Do not discharge into the sewer.

7. Transport and Storage

7.1 Measures

Chemical processing regulations must be adhered to.
- Avoid contact with skin and eyes. Keep container tightly closed.
Adequate air exchange and / or exhausts maintenance in work rooms

Storage class: 3 Inflammable Liquids

8. Personal protective equipment

8.1 Protective equipment

Use protective glasses, protective gloves and breathing apparatus with a suitable filter.

- Recommended filtration type: A

8.2 Other protective measures

By choosing personal protective equipment resulting from workplace and transfer.

Gloves made of nitrile and viton.

Protective gloves made of nitrile or Viton as Camatril velor 730 Exposure > 480 minutes

Protection of hands

7 Basic physical and chemical properties

9.1 Basic physical and chemical properties

Physical situation

liquid

Color

colorless, clear

Smell

Glycol ether

Basic information on safety

Melting temperature

- °C

Boiling point - range (1013 hPa)

>165 °C DIN 51 751

Density (20 °C)

0,9 g/ml

Vapor pressure (20 °C)

ca. 3 hPa DIN 51 754

Viscosity

ca. 1 mPas DIN 51 562

Solubility in water:

partially g/l

Flaming point:

<21 °C

Combustion

>400 °C DIN 51 794

9.3 Relevant features of substance groups

Explosive substances / mixtures

The formation of the vapor / air mixtures are possible.

Inflammable gases

Product is liquid

However, the explosive vapor / air mixtures' formation

inflammable aerosols, inflammable liquid

Inflammable liquid

The product is classified as inflammable (<21 °C)

Self-reactive substances and mixtures

it is not reactive

Pyrophoric liquids

it is not pyrophoric

Self-heating substances / mixtures Self-heating

substances / mixtures in contact with heated,

In contact with inflammable gases, inflammable gases are emitted

Oxidizing properties - is not oxidizing

Organic peroxide

It is corrosive for metals

9.4 Informations of other safety

Explosion limits:

UEG 0,5Vol.% / OEG 11,0Vol.%

Conductivity

It is not conductive

8 Stability and reactivity

10.1 Reactivity

It is stable under recommended storage conditions.

10.2 Chemical Stability:

Auto-ignition temperature > 200 °C

It is stable under normal conditions.

10.3 Possibility of dangerous reactions

The product is an inverter hydrocarbon.

10.4 Situations to be avoided:

Open flames, sparks or extreme heat

10.5 Incompatible materials

Strong oxidizing substances

10.6 Dangerous decomposition products: The product does not decompose at ambient temperatures

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11.1 Acute toxicity

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H319 It causes severe eye irritation.

After dermal contact

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In case of breathed:

LC50: 34 mg/l (Ratte; 4h)

If it swallowed:

LD50: >2193 mg/kg (Ratte) (OECD 423)

11.2 Chronic toxicity

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Prolonged or repeated contact may cause irritation.

In case of breathed:

No side effects are expected normally.

If it swallowed:

No side effects are expected normally.

IT IS DANGEROUS IF SWALLOWED When symptoms appear 4.1

12. Ecological information

12.1 Toxicity

Acute toxicity:

Class 2 (self-assessment): dangerous for water Do not let it enter the underground waters.
Do not let it get in the drinking water.

12.2 Continuity and Biological decomposition

Hydrolysis:

Because of hydrolysis, transformation does not occur.

Photolysis:

Because of hydrolysis, transformation does not occur.

Air oxidation

It is rapidly decreasing in the air.

Biodegradability

It is not easily decomposable biologically (solvent)
it cannot easily decomposable biologically (epoxy)

12.3 Conclusion of PBT and vPvB evaluation

Not applicable

12.4 Other environmental impacts

There is no any informations.

13. Dispose

Waste treatment methods

It is forbidden to be disposed of together with household waste.

Dispose of it only in accordance with official legislation (eg paint cans).

Disposal according to EC Directives 75/442 / EEC and 91/689 / EEC on waste –rat-

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Disposal of the product packaging

Disposal of paint boxes with wastes

Waste key (EWC) Package

20 01 12 Resin residues, processing
dispose of the container completely

14. Shipment information

14.1 Land transport ADR / RID / GGVSE

Class

3

Figure/Letter

33b

UN-Nr.

1193

14.2 Sea-going transport IMDG-Code / GGVSee

3.3/3

14.3 Air transport ICAO-IATA / DGR

Dangerous

15. CONDITIONS

15.1 Safety, health and environment related substance or mixture specific legislations

Nationality regulations

It is subject to VOC-Directive 1999/13/EG, VOC-RL

Threat class for water (WGK):

WGK 2 (self-assessment) is dangerous for water.

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(Number and text)

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With long-term effects it can be harmful to life in the water.
H 413
EUH066 It can cause rough or torn skin at the repeated exposure.
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R 65- Harmful: may cause lung damage if swallowed.
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R 66 It can cause rough or torn skin at the repeated exposure.
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