



MATERIAL SAFETY DATA SHEET

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Revision nr : 1

Date : 20 / 10 / 2009

Supersedes : 0 / 0 / 0

PC LEAKINJECT 2K FLEX 6811 LV B**PC 6811 LV B**

Xn : Harmful

Danger**Producer**

ECC N.V.
Terbekehofdreef 50 - 52
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Responsible for distribution

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SECTION 1. Identification of the substance/mixture and of the company/enterprise**1.1. Product identifier**

Identification of the product : Liquid.
Trade name : PC LEAKINJECT 2K FLEX 6811 LV B.

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

Use : Injection resin for waterproofing.

1.3. Details of the supplier of the safety data sheet

Company identification : See producer.

1.4. Emergency telephone number

Emergency telephone number : +32 3 828 94 95

SECTION 2. Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

Xn; R20
Xi; R36/37/38
R42/43

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- **Health hazards**
 - : Skin irritation - Category 2 - Warning
 - Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2)
 - Respiratory sensitization - Category 1 - Danger (CLP : Resp. Sens. 1)
 - Skin sensitization - Category 1 - Warning (CLP : Skin Sens. 1)
 - Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3)

2.2. Label elements**ECC N.V.**

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SECTION 2. Hazards identification (continued)

Labelling EC 67/548 or EC 1999/45

• Symbol(s)



: Harmful.

• R Phrase(s)

: R20 - Harmful by inhalation.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R42/43 - May cause sensitization by inhalation and skin contact.

• S Phrase(s)

: S23 - Do not breathe gas/fumes/vapour/spray.
S37 - Wear suitable gloves.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms code

: SGH08

• Signal words

: Danger

• Hazard statements

: H319 - Causes serious eye irritation.
H315 - Causes skin irritation.
H335 - May cause respiratory irritation.
H317 - May cause an allergic skin reaction.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

• Pictograms (Precautionary statements)



• Precautionary statements

- Prevention

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response

: P302+P352+P362+P332+P313+P321 - IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs : Get medical advice. Specific treatment.
P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338+P337+P313 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

- Disposal considerations

: P501C - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

Substance / Preparation

: Preparation.

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SECTION 3. Composition/information on ingredients (continued)

This product is considered to be hazardous and contains hazardous components.

Composition (prepar.)

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
Diphenylmethanediisocyanate, isomers and homologues	60 - 80 %	9016-87-9	----	----	----	Xn: R20 Xi: R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Eye irrit 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1
<i>Rat oral LD50 [mg/kg] : > 5000</i> <i>Rabbit dermal LD50 [mg/kg] : > 5000</i> <i>Rat inhalation LC50 [mg/l/4h] : .49</i> <i>48 H-CE50 - Daphnia magna [mg/l] : > 1000</i> <i>LC50-96 Hour - fish [mg/l] : > 1000</i>						
Modified MDI	1 - 10 %	155662-82-1	----	----	----	Xn: R20 Xi: R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Eye irrit 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1
benzoate ester	30 - 40 %	----	----	----	----	Not classified. (DSD/DPD) ----- Undefined. (GHS)

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid

- Inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion : Never give anything by mouth to an unconscious person.
DO NOT INDUCE VOMITING.
Obtain emergency medical attention.

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

Symptoms relating to use

- Inhalation : May cause irritation to the respiratory tract and to other mucous membranes. Breathing difficulties. Chest pain. Cough.
- Skin contact : Redness, pain.
- Eye contact : Redness, pain. Blurred vision. Tears.
- Ingestion : Harmful if swallowed.

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

No data available.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media

- Suitable : All extinguishing media can be used.

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SECTION 5. Fire-fighting measures (continued)

- **Not to be used** : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition generates toxic vapours.

5.3. Advice for fire-fighters

Flammable class : Combustible.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Prevention : Keep away from sources of ignition. No smoking.

Special procedures : Exercise caution when fighting any chemical fire.

Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

After spillage and/or leakage : Collect spills and put it into appropriated container.

6.4. Reference to other sections

See section 8 and 13.

SECTION 7. Handling and storage

Personal protection : Ensure prompt removal from eyes, skin and clothing.
Avoid all unnecessary exposure.

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Keep away from food, drink and animal feeding stuffs.

Technical protective measures : Both local exhaust and general room ventilation are usually required.

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.

- **Skin protection** : None under normal conditions. Avoid repeated or prolonged skin contact.

- **Eye protection** : Chemical goggles or safety glasses.

- **Hand protection** : Gloves.

- **Ingestion** : When using, do not eat, drink or smoke.

Industrial hygiene : Provide local exhaust or general room ventilation.

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SECTION 8. Exposure controls/personal protection (continued)

Occupational Exposure Limits : TWA: 0.052 mg/m³ / 8h
TWA: 0.005 ppm /8h

SECTION 9. Physical and chemical properties

- **Appearance** : Liquid.
- **Colour** : Dark brown.
- **Odour** : Characteristic.
- **Odour threshold** : No data available.
- **pH** : No data available.
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range** : No data available.
- **Flash point** : No data available.
- **Evaporation rate** : No data available.
- **Flammability** : Combustible.
- **Explosion limits (lower - upper)** : No data available.
- **Vapour pressure** : No data available.
- **Vapour density** : No data available.
- **Density** : 1.136 g/ml
- **Solubility** : No data available.
- **Partition coefficient : n-octanol / water** : No data available.
- **Auto-ignition temperature** : Not auto-ignitable.
- **Thermal decomposition** : No data available.
- **Viscosity** : 76 mPas (20 °C)
- **Explosive Properties** : No data available.
- **Oxidising properties** : No data available.

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Reacts with water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

High temperatures.

10.5. Incompatible materials

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SECTION 10. Stability and reactivity (continued)

No data available.

10.6. Hazardous decomposition products

Nitrogen oxides.
Carbon dioxide.
Carbon monoxide.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Toxicity information : Irritating to eyes, respiratory system and skin.

SECTION 12. Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Ecological effects information : No data available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

No data available.

Disposal : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14. Transport information

General information : Not classified.

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

France : None.

15.2. Chemical Safety Assessment

No data available.

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SECTION 16. Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IC50: The half maximal Inhibitory Concentration

EC50: The half maximal Effective Concentration

Text of R-Phrases in § 3

: R20 - Harmful by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R42/43 - May cause sensitization by inhalation and skin contact.

Further information

: None.

DISCLAIMER OF LIABILITY

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The contents and format of this SDS are in accordance with REGULATION (EC) No 453/2010 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

End of document

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