

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name: **Poly Lak LE-IB-ED**

Article number: 254  
 UFI: AG55-J0F5-R00K-0G0X

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
 SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
 SU19 Building and construction work  
 Process category PROC19 Manual activities involving hand contact  
 Environmental release category ERC5 Use at industrial site leading to inclusion into/onto article  
 ERC8c Widespread use leading to inclusion into/onto article (indoor)  
 ERC8f Widespread use leading to inclusion into/onto article (outdoor)  
 Article category AC13 Plastic articles  
 Application of the substance / the mixture See our technical datasheet for application details of this product.  
 Topcoat for polyester products

**1.3 Details of the supplier of the safety data sheet**

Manufacturer/Supplier: De IJssel Coatings BV, Centrumbaan 960, NL 2841 MH Moordrecht  
 Tel: +31 182 372177, E-mail: info@de-ijssel-coatings.nl

Further information obtainable from: Research and Development.


**1.4 Emergency telephone number:**

De IJssel Coatings BV, Tel. +31 182 372177, E-mail: safety@de-ijssel-coatings.nl  
 Office hours: working days from 08:00 to 17:00 hrs.


**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008


 GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

 GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.

STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure. Route of exposure: Inhalation.

 GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

 GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

     
 GHS02 GHS07 GHS08 GHS09

Signal word

Warning

Hazard-determining components of labelling:

hexamethylene diacrylate  
 styrene  
 methyl methacrylate  
 cobalt(II) 2-ethylhexanoate  
 H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

Hazard statements

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<ul style="list-style-type: none"> <li>· Precautionary statements</li> </ul>	<p>H317 May cause an allergic skin reaction.  H361d Suspected of damaging the unborn child.  H373 May cause damage to the hearing organs through prolonged or repeated exposure. Route of exposure: Inhalation.  H411 Toxic to aquatic life with long lasting effects.</p> <p>P101 If medical advice is needed, have product container or label at hand.  P102 Keep out of reach of children.  P103 Read carefully and follow all instructions.  P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  P260 Do not breathe dust/fume/gas/mist/vapours/spray.  P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P405 Store locked up.  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
<ul style="list-style-type: none"> <li>· <b>2.3 Other hazards</b></li> <li>· Results of PBT and vPvB assessment</li> <li>· PBT:</li> <li>· vPvB:</li> </ul>	<p>Not applicable.  Not applicable.</p>

**\* SECTION 3: Composition/information on ingredients**

**· 3.2 Mixtures**

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 13048-33-4 EINECS: 235-921-9 Index number: 607-109-00-8 Reg.nr.: 01-2119484737-22	hexamethylene diacrylate ☠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	10 – 25%
CAS: 100-42-5 EINECS: 202-851-5 Index number: 601-026-00-0 Reg.nr.: 01-2119457861-32	styrene ☠ Flam. Liq. 3, H226; ☠ Repr. 2, H361d; STOT RE 1, H372; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	3 – 10%
CAS: 80-62-6 EINECS: 201-297-1 Index number: 607-035-00-6 Reg.nr.: 01-2119452498-28	methyl methacrylate ☠ Flam. Liq. 2, H225; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	2.800%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3 Reg.nr.: 01-2119471310-51	toluene ☠ Flam. Liq. 2, H225; ☠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336; Aquatic Chronic 3, H412	0.1 – 0.5%
CAS: 136-52-7 EINECS: 205-250-6 Reg.nr.: 01-21195-24678-29	cobalt(II) 2-ethylhexanoate ☠ Repr. 1A, H360Fd; ⚠ Eye Irrit. 2, H319; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	≤ 0.1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**· 4.1 Description of first aid measures**

<ul style="list-style-type: none"> <li>· General information:</li> <li>· After inhalation:</li> <li>· After skin contact:</li> <li>· After eye contact:</li> </ul>	<p>Immediately remove any clothing soiled by the product.  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.</p> <p>Supply fresh air and to be sure call for a doctor.  In case of unconsciousness place patient stably in side position for transportation.</p> <p>Immediately wash with water and soap and rinse thoroughly.  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.</p>
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- After swallowing: If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- Suitable extinguishing agents: CO2 or powder. Fight larger fires with alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- **5.2 Special hazards arising from the substance or mixture** During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- Protective equipment: Mouth respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### \* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Storage: Store material in original, tightly closed containers in a cool, well-ventilated area in accordance with applicable (local) regulations. Depending on total volume stored, the storage area should comply with PGS15.
- Requirements to be met by storerooms and receptacles:
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- Recommended storage temperature: 5 - 30 °C
- **7.3 Specific end use(s)** No further relevant information available.

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**\* SECTION 8: Exposure controls/personal protection**

**· 8.1 Control parameters**

· Ingredients with limit values that require monitoring at the workplace:		
<b>80-62-6 methyl methacrylate</b>		
IOELV	Short-term value: 100 ppm Long-term value: 50 ppm	
<b>108-88-3 toluene</b>		
IOELV	Short-term value: 384 mg/m <sup>3</sup> , 100 ppm Long-term value: 192 mg/m <sup>3</sup> , 50 ppm Skin	
· DNEL (Derived No Effect Level) for workers		
<b>13048-33-4 hexamethylene diacrylate</b>		
Dermal	Long-term - systemic effects, worker	2.77 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects, worker	24.48 mg/m <sup>3</sup> (Worker)
<b>100-42-5 styrene</b>		
Dermal	Long-term - systemic effects, worker	406 mg/kg bw/day (Worker)
Inhalative	Acute - systemic effects, worker	289 mg/m <sup>3</sup> (Worker)
	Acute - local effects, worker	306 mg/m <sup>3</sup> (Worker)
	Long-term - systemic effects, worker	85 mg/m <sup>3</sup> (Worker)
<b>80-62-6 methyl methacrylate</b>		
Dermal	Acute - local effects, worker	1.5 µg/cm <sup>2</sup> (Worker)
	Long-term - systemic effects, worker	13.67 mg/kg bw/day (Worker)
Inhalative	Long term - local effects, worker	1.5 µg/cm <sup>2</sup> (Worker)
	Long-term - systemic effects, worker	210 mg/m <sup>3</sup> (Worker)
	Long-term - local effects, worker	210 mg/m <sup>3</sup> (Worker)
<b>108-88-3 toluene</b>		
Dermal	Long-term - systemic effects, worker	384 mg/kg bw/day (Worker)
Inhalative	Acute - systemic effects, worker	384 mg/m <sup>3</sup> (Worker)
	Acute - local effects, worker	384 mg/m <sup>3</sup> (Worker)
	Long-term - systemic effects, worker	192 mg/m <sup>3</sup> (Worker)
	Long-term - local effects, worker	192 mg/m <sup>3</sup> (Worker)
<b>136-52-7 cobalt(II) 2-ethylhexanoate</b>		
Inhalative	Long-term - local effects, worker	0.235 mg/m <sup>3</sup> (Worker)
· DNEL (Derived No Effect Level) for the general population		
<b>13048-33-4 hexamethylene diacrylate</b>		
Oral	Long-term - systemic effects, general population	2.08 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	1.66 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, general population	7.24 mg/m <sup>3</sup> (General population)
<b>100-42-5 styrene</b>		
Oral	Long-term - systemic effects, general population	2.1 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	343 mg/kg bw/day (General population)
Inhalative	Acute - systemic effects, general population	174.25 mg/m <sup>3</sup> (General population)
	Acute - local effects, general population	182.75 mg/m <sup>3</sup> (General population)
	Long-term - systemic effects, general population	10.2 mg/m <sup>3</sup> (General population)
<b>80-62-6 methyl methacrylate</b>		
Oral	Long-term - systemic effects, general population	11 mg/kg bw/day (General population)
Dermal	Acute - local effects, general population	1.5 µg/cm <sup>2</sup> (General population)
	Long-term - systemic effects, general population	8.2 mg/kg bw/day (General population)
Inhalative	Long-term - local effects, general population	1.5 µg/cm <sup>2</sup> (General population)
	Long-term - systemic effects, general population	74 mg/m <sup>3</sup> (General population)
	Long-term - local effects, general population	105 mg/m <sup>3</sup> (General population)

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<b>108-88-3 toluene</b>		
Oral	Long-term - systemic effects, general population	8.13 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	226 mg/kg bw/day (General population)
Inhalative	Acute - systemic effects, general population	226 mg/m <sup>3</sup> (General population)
	Acute - local effects, general population	226 mg/m <sup>3</sup> (General population)
	Long-term - systemic effects, general population	56.5 mg/m <sup>3</sup> (General population)
	Long-term - local effects, general population	56.5 mg/m <sup>3</sup> (General population)
<b>136-52-7 cobalt(II) 2-ethylhexanoate</b>		
Oral	Long-term - systemic effects, general population	0.0558 mg/kg bw/day (General population)
Inhalative	Long-term - local effects, general population	0.037 mg/m <sup>3</sup> (General population)
· PNEC (Predicted No Effect Concentration) values		
<b>13048-33-4 hexamethylene diacrylate</b>		
Aquatic compartment - freshwater		0.007 mg/l (Freshwater)
Aquatic compartment - marine water		0.001 mg/l (Marine water)
Aquatic compartment - sediment in freshwater		0.493 mg/kg sed dw (Sediment freshwater)
Aquatic compartment - sediment in marine water		0.049 mg/kg sed dw (Sediment marine water)
Terrestrial compartment - soil		0.094 mg/kg dw (Soil)
Sewage treatment plant		2.7 mg/l (stp)
<b>100-42-5 styrene</b>		
Aquatic compartment - freshwater		0.028 mg/l (Sediment freshwater)
Aquatic compartment - marine water		0.0028 mg/l (Marine water)
Aquatic compartment - water, intermittent releases		0.04 mg/l (Intermittent release water)
Aquatic compartment - sediment in freshwater		0.0614 mg/kg sed dw (Sediment freshwater)
Aquatic compartment - sediment in marine water		0.0614 mg/kg sed dw (Sediment marine water)
Terrestrial compartment - soil		0.2 mg/kg dw (Soil)
Sewage treatment plant		5 mg/l (stp)
<b>80-62-6 methyl methacrylate</b>		
Aquatic compartment - freshwater		0.94 mg/l (Freshwater)
Aquatic compartment - marine water		0.094 mg/l (Marine water)
Terrestrial compartment - soil		1.47 mg/kg dw (Soil)
Sewage treatment plant		5.74 mg/l (stp)
<b>108-88-3 toluene</b>		
Aquatic compartment - freshwater		0.68 mg/l (Freshwater)
Aquatic compartment - marine water		0.68 mg/l (Marine water)
Aquatic compartment - water, intermittent releases		0.68 mg/l (Sediment marine water)
Aquatic compartment - sediment in freshwater		16.39 mg/kg sed dw (fwd)
Terrestrial compartment - soil		2.89 mg/kg dw (Soil)
Sewage treatment plant		13.61 mg/l (stp)
<b>136-52-7 cobalt(II) 2-ethylhexanoate</b>		
Aquatic compartment - freshwater		0.00149 mg/l (Freshwater)
Aquatic compartment - marine water		0.0069 mg/l (Marine water) ((Co))
Aquatic compartment - sediment in freshwater		27.8 mg/kg sed dw (Sediment freshwater) ((Co))
Aquatic compartment - sediment in marine water		17.8 mg/kg sed dw (Sediment marine water)
Terrestrial compartment - soil		23.1 mg/kg dw (Soil) ((CoH))
Sewage treatment plant		1.08 mg/l (stp) ((Co))

· Additional information: The lists valid during the making were used as basis.

**8.2 Exposure controls**

- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes and skin.

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- Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Hand protection: Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
Recommended thickness of the material:  $\geq 0.3$  mm
- Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- For the permanent contact gloves made of the following materials are suitable: Butyl rubber, BR  
Fluorocarbon rubber (Viton)
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials: Leather gloves  
Strong material gloves
- Eye/face protection: Tightly sealed goggles

\* **SECTION 9: Physical and chemical properties**

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

- General Information
- Physical state: Fluid
- Colour: According to product specification
- Odour: Characteristic
- Odour threshold: Not determined.
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range: 145.2 °C (100-42-5 styrene)
- Flammability: Flammable.
- Lower and upper explosion limit
- Lower: 1.2 Vol % (100-42-5 styrene)
- Upper: 8.9 Vol % (100-42-5 styrene)
- Flash point: 34 °C (DIN 51758)
- Auto-ignition temperature: 480 °C (100-42-5 styrene)
- Decomposition temperature: Not determined.
- pH: Not determined.
- Viscosity:
- Kinematic viscosity: Not determined.
- Dynamic: Not determined.
- Solubility
- water: Not miscible or difficult to mix.
- Partition coefficient n-octanol/water (log value): Not determined.
- Vapour pressure at 20 °C: 6 hPa (100-42-5 styrene)
- Vapour pressure at 50 °C: 35 hPa
- Density and/or relative density
- Density at 20 °C: 1.1 g/cm<sup>3</sup> (DIN 51757, ASTM D 1298)
- Relative density: Not determined.
- Vapour density: Not determined.

· **9.2 Other information**

- Appearance:
- Form: Fluid

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· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	11.0 %
· VOC:	
· VOC (2004/42/EC):	10.97 %
· Solids content:	89.5 %
· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### \* SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

Components	Type	Value	Species
<b>13048-33-4 hexamethylene diacrylate</b>			
Oral	LD50	> 5,000 mg/kg	(Rat)
Dermal	LD50	> 3,000 mg/kg	(rab)
<b>100-42-5 styrene</b>			
Oral	LD50	5,000 mg/kg	(Rat)
<b>80-62-6 methyl methacrylate</b>			
Oral	LD50	7,872 mg/kg	(Rat)
<b>108-88-3 toluene</b>			
Oral	LD50	5,000 mg/kg	(Rat)
Dermal	LD50	12,124 mg/kg	(Rabbit)

- Skin corrosion/irritation Causes skin irritation.

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- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Suspected of damaging the unborn child.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure May cause damage to the hearing organs through prolonged or repeated exposure.  
Route of exposure: Inhalation.
- Aspiration hazard Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· Endocrine disrupting properties	
128-37-0	Butylated hydroxytoluene <span style="float: right;">List II</span>

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.

Type of test	Effective concentration	Method	Assessment
<b>100-42-5 styrene</b>			
Oral	EC50	5.1 mg/l (Daphnia magna)	
Inhalative	LC50/4 h	24 mg/l (Rat)	
	LC50/96 h	25 mg/l (Lepomis macrochirus)	
<b>108-88-3 toluene</b>			
Inhalative	LC50/4 h	5,320 mg/l (Mouse)	

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- Remark: Toxic for fish
- Additional ecological information:
- General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

**\* SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue	
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP10	Toxic for reproduction
HP13	Sensitising
HP14	Ecotoxic

- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

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**\* SECTION 14: Transport information**

· <b>14.1 UN number or ID number</b> · ADR/RID/ADN, IMDG, IATA	UN1263
· <b>14.2 UN proper shipping name</b> · ADR/RID/ADN · IMDG · IATA	1263 PAINT, ENVIRONMENTALLY HAZARDOUS PAINT, MARINE POLLUTANT PAINT
· <b>14.3 Transport hazard class(es)</b> · ADR/RID/ADN · Class · Label	3 (F1) Flammable liquids. 3
· IMDG, IATA · Class · Label	3 Flammable liquids. 3
· <b>14.4 Packing group</b> · ADR/RID/ADN, IMDG, IATA	III
· <b>14.5 Environmental hazards:</b> · Marine pollutant: · Special marking (ADR/RID/ADN):	Product contains environmentally hazardous substances: hexamethylene diacrylate Symbol (fish and tree) Symbol (fish and tree)
· <b>14.6 Special precautions for user</b> · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Flammable liquids. 30 F-E, S-E A
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· Transport/Additional information: · ADR/RID/ADN · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category · Tunnel restriction code · Remarks:	3 D/E In packsize up to 450 liter exempt from ADR according ADR 2.2.3.1.5.
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Remarks:	In packaging up to 30 litres exempt according to IMDG 2.3.2.5.
· UN "Model Regulation":	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

**SECTION 15: Regulatory information**

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

- Directive 2012/18/EU
  - Named dangerous substances - ANNEX I
  - Seveso category
  - Qualifying quantity (tonnes) for the application of lower-tier requirements
  - Qualifying quantity (tonnes) for the application of upper-tier requirements
- None of the ingredients is listed.  
E2 Hazardous to the Aquatic Environment  
P5c FLAMMABLE LIQUIDS
- 200 t  
500 t

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**Safety data sheet  
according to 1907/2006/EC, Article 31**

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- REGULATION (EC) No 1907/2006  
ANNEX XVII

Conditions of restriction: 3, 48

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- REGULATION (EU) 2019/1148

- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

- Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

- Regulation (EC) No 273/2004 on drug precursors

108-88-3 | toluene

3

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

108-88-3 | toluene

3

- National regulations:

- Technical instructions (air):

Class	Share in %
NK	11.0

- **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
 

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

- Classification according to Regulation (EC) No 1272/2008

Flammable liquids

On basis of test data

Skin corrosion/irritation  
Serious eye damage/irritation  
Skin sensitisation  
Reproductive toxicity  
Specific target organ toxicity (repeated exposure)  
Hazardous to the aquatic environment - long-term (chronic)  
aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- Department issuing SDS: Research and Development

- Contact: Saïda El Asjadi, tel: +31 182 372177, e-mail: [safety@de-ijssel-coatings.nl](mailto:safety@de-ijssel-coatings.nl)

- Date of previous version: 13.06.2023

- Version number of previous version: 5

- Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)

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**Safety data sheet**  
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**Trade name: Poly Lak LE-IB-ED**

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VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
Repr. 1A: Reproductive toxicity – Category 1A  
Repr. 2: Reproductive toxicity – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3  
Literature data and/or investigation reports are available through the manufacturer.

- Sources:
- \* Data compared to the previous version altered.