

## VILLACRYL OPAKER Liquid

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

- 1.1. Product identifier**  
 Substance / mixture: VILLACRYL OPAKER Liquid mixture  
 Number: V210L1  
 UFI: UWK0-90GJ-C00C-CH6D  
 Other mixture names: UFI: UWK0-90GJ-C00C-CH6D, VILLACRYL OPAKER Płyn 12ml - V210L03
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
 Liquid component of universal metal masking material VILLACRYL OPAKER. For professional use only.  
**Main intended use**  
 PC-MED-OTH Other medical devices  
**Mixture uses advised against**  
 The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Supplier**  
 Name or trade name: Everall7 Sp. z o.o.  
 Address: Augustówka 14, Warszawa , 02-981 Poland  
 Identification number (CRN): 002028511  
 VAT Reg No: PL5210124886  
 Phone: +48 22 858 82 72  
 E-mail: info@everall7.pl  
 Web address: everall7.pl
- Competent person responsible for the safety data sheet**  
 Name: Trial ltd.  
 E-mail: sblcore@sblcore.com
- 1.4. Emergency telephone number**  
 European emergency number: 112

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
 The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.  
 Full text of all classifications and hazard statements is given in the section 16.
- 2.2. Label elements**  
 none
- 2.3. Other hazards**  
 not available

### SECTION 3: Composition/information on ingredients

- 3.2. Mixtures**  
**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 6606-59-3 EC: 229-551-7	1,6-hexanediyl bismethacrylate	<25	Aquatic Chronic 3, H412	
Index: 612-056-00-9 CAS: 99-97-8 EC: 202-805-4	N,N-dimethyl-p-toluidine	<1	Acute Tox. 3, H301+H311+H331 STOT RE 2 (**), H373 Aquatic Chronic 3, H412	1

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**Notes**

\*\* another exposure route cannot be ruled out

- 1 Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of all classifications and hazard statements is given in the section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

not available

**If inhaled**

not available

**If on skin**

not available

**If in eyes**

not available

**If swallowed**

not available

**4.2. Most important symptoms and effects, both acute and delayed****If inhaled**

not available

**If on skin**

not available

**If in eyes**

not available

**If swallowed**

not available

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

not available

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

not available

**Unsuitable extinguishing media**

not available

**5.2. Special hazards arising from the substance or mixture**

not available

**5.3. Advice for firefighters**

not available

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

not available

**6.2. Environmental precautions**

not available

**6.3. Methods and material for containment and cleaning up**

not available

**6.4. Reference to other sections**

not available

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

not available

#### 7.2. Conditions for safe storage, including any incompatibilities

not available

Content	Packaging type	Material of package
12 ml	bottle	GL

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL

1,6-hexanediyl bismethacrylate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	14.5 mg/m <sup>3</sup>	Chronic effects systemic	Toxicity test	ECHA
Consumers	Dermal	2.5 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Inhalation	4.3 mg/m <sup>3</sup>	Chronic effects systemic	Toxicity test	ECHA
Workers	Dermal	4.2 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA
Consumers	Oral	2.5 mg/kg bw/day	Chronic effects systemic	Toxicity test	ECHA

N,N-dimethyl-p-toluidine					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	128 µg/m <sup>3</sup>	Chronic effects systemic	Toxicity test	ECHA
Workers	Dermal	624 µg/kg bw	Chronic effects systemic	Toxicity test	ECHA
Consumers	Inhalation	22.7 µg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Dermal	223 µg/kg bw	Chronic effects systemic	Toxicity test	ECHA
Consumers	Oral	20 µg/kg bw	Chronic effects systemic	Toxicity test	ECHA

##### PNEC

1,6-hexanediyl bismethacrylate			
Route of exposure	Value	Value determination	Source
Drinking water	4.88 mg/l	Toxicity test	ECHA
Water (intermittent release)	45 µg/l	Toxicity test	ECHA
Marine water	488 ng/l	Toxicity test	ECHA
Microorganisms in sewage treatment	800 mg/l	Toxicity test	ECHA
Freshwater sediment	262 µg/kg of dry substance	Toxicity test	ECHA
Sea sediments	26.2 µg/kg of dry substance	Toxicity test	ECHA
Soil (agricultural)	49.5 µg/kg	Toxicity test	ECHA

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<b>N,N-dimethyl-p-toluidine</b>			
Route of exposure	Value	Value determination	Source
Drinking water	152.59 µg/l	Experimentally	ECHA
Water (intermittent release)	152.59 µg/l	Experimentally	ECHA
Marine water	15.259 µg/l	Experimentally	ECHA
Microorganisms in sewage treatment	4.286 µg/l	Experimentally	ECHA
Freshwater sediment	45.378 mg/kg of dry substance of sediment	Experimentally	ECHA
Sea sediments	45.378 mg/kg of dry substance of sediment	Experimentally	ECHA
Soil (agricultural)	18.677 mg/kg of dry substance of soil	Experimentally	ECHA

**8.2. Exposure controls**

not available

**Eye/face protection**

not available

**Skin protection**

not available

**Respiratory protection**

not available

**Thermal hazard**

not available

**Environmental exposure controls**

not available

**SECTION 9: Physical and chemical properties**

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

Physical state	liquid
Colour	data not available
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

**9.2. Other information**

not available

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### SECTION 10: Stability and reactivity

- 10.1. Reactivity**  
not available
- 10.2. Chemical stability**  
not available
- 10.3. Possibility of hazardous reactions**  
not available
- 10.4. Conditions to avoid**  
not available
- 10.5. Incompatible materials**  
not available
- 10.6. Hazardous decomposition products**  
not available

### SECTION 11: Toxicological information

- 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**  
not available

#### Acute toxicity

not available

1,6-hexanediyl bismethacrylate								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	OECD 423	>2000 mg/kg bw	14 days	Rat (Wistar)	F/M	Toxicity test	ECHA

N,N-dimethyl-p-toluidine								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	OECD 401	139 mg/kg bw		Mouse	F/M	Experimentally	ECHA
Oral	LD <sub>50</sub>	OECD 401	1300-1950 mg/kg bw		Rat (Rattus norvegicus)	F/M	Experimentally	ECHA
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/kg bw		Rabbit	F/M	Experimentally	ECHA
Inhalation	LC <sub>50</sub>		1.4 mg/l		Rat (Rattus norvegicus)	F/M	Experimentally	ECHA

#### Skin corrosion/irritation

not available

1,6-hexanediyl bismethacrylate						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Skin	Not irritating	in vivo	24 hours	Rabbit (New Zealand White)	Toxicity test	ECHA
Eye	Not irritating	OECD 405		Rabbit (New Zealand White)	Toxicity test	ECHA

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### Irritation

N,N-dimethyl-p-toluidine						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Dermal	Not irritating	OECD 404	4 hours	Rabbit	Experimentally	ECHA
Eye	Not irritating	OECD 405	4 hours	Rabbit	Experimentally	ECHA

### Serious eye damage/irritation

not available

### Respiratory or skin sensitisation

not available

N,N-dimethyl-p-toluidine						
Route of exposure	Result	Exposure time	Species	Sex	Value determination	Source
Dermal	Sensitizing				Literary studies	ECHA

### Sensitization

1,6-hexanediyl bismethacrylate							
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination	Source
Skin	Not sensitizing	OECD 429		Mouse	F	Toxicity test	ECHA

### Germ cell mutagenicity

not available

1,6-hexanediyl bismethacrylate							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation	OECD 471	48 hours		Bacteria (Salmonella typhimurium)		Toxicity test	ECHA
Negative	OECD 474			Mouse	F/M	Toxicity test	ECHA

N,N-dimethyl-p-toluidine							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation				Bacteria (Salmonella typhimurium)		Literary studies	ECHA
Negative		3 months (7 days/week)	Blood	Mouse	F/M	Literary studies	ECHA

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### Carcinogenicity

not available

#### N,N-dimethyl-p-toluidine

Route of exposure	Parameter	Value	Exposure time	Specific target organ	Result	Species	Sex	Value determination	Source
Oral	LOAEL	6 mg/kg bw/day	2 years (5 days/week)	Liver	Negative	Rat (Rattus norvegicus)	F/M	Experimentally	ECHA

### Reproductive toxicity

not available

#### 1,6-hexanediyl bismethacrylate

Effect	Parameter	Method	Value	Exposure time	Result	Species	Sex	Value determination	Source
Effects on fertility	NOAEL	OECD 416	400 mg/kg bw/day		No effect	Rat (Wistar)	F/M	Toxicity test	ECHA
Developmental toxicity	NOAEL	OECD 414	450 mg/kg bw/day		No effect	Rabbit (Himalayan)	F/M	Toxicity test	ECHA

#### N,N-dimethyl-p-toluidine

Effect	Parameter	Method	Value	Exposure time	Result	Species	Sex	Value determination	Source
Effects on fertility	NOAEL	OECD 422	44.6 mg/kg bw/day	14 weeks (5 days/week)	Negative	Rat (Rattus norvegicus)	F/M	Experimentally	ECHA
Developmental toxicity	NOAEL	OECD 422	30 mg/kg bw/day	14 weeks (5 days/week)	Negative	Rat (Rattus norvegicus)	F/M	Experimentally	ECHA

### Toxicity for specific target organ - single exposure

not available

### Toxicity for specific target organ - repeated exposure

not available

### Repeated dose toxicity

#### 1,6-hexanediyl bismethacrylate

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	NOAEL	No effect		≥124.1 mg/kg bw/day	104 weeks (7 days/week)	Rat (Wistar)	F/M	Toxicity test	ECHA
Inhalation	NOAEC	No effect	OECD 453	1640 mg/m <sup>3</sup> of air	104 weeks (6 hour/day, 5 days/week)	Rat (Fischer 344)	F/M	Toxicity test	ECHA
Inhalation	LOAEC	No effect	OECD 453	416 mg/m <sup>3</sup> of air	104 weeks (6 hour/day, 5 days/week)	Rat (Fischer 344)	F/M	Toxicity test	ECHA

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### N,N-dimethyl-p-toluidine

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LOAEL			6 mg/kg bw	2 years (5 days/week)	Rat (Rattus norvegicus)	F/M	Literary studies	ECHA
Inhalation (vapor)	LOAEL			67.284 mg/kg bw/day		Rat (Rattus norvegicus)	F/M	Literary studies	ECHA

#### Aspiration hazard

not available

#### 11.2. Information on other hazards

not available

### SECTION 12: Ecological information

#### 12.1. Toxicity

not available

##### Acute toxicity

#### 1,6-hexanediyl bismethacrylate

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC <sub>50</sub>	OECD 203	4.5 mg/l	96 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
EC <sub>50</sub>		11.2 mg/l	48 hours	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA

#### N,N-dimethyl-p-toluidine

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC <sub>50</sub>	ASTM E 729	52.8 mg/l	96 hours	Fish (Pimephales promelas)	Fresh water	Experimentally	ECHA
LC <sub>50</sub>		15.27 mg/l	48 hours	Algae (Daphnia magna)	Fresh water	Calculation of value	ECHA
EC <sub>50</sub>	OECD 207	23.69 mg/l	72 hours	Algae (Daphnia magna)	Fresh water	Experimentally	ECHA
EC <sub>50</sub>		100 mg/l	3 hours	Invertebrates	Fresh water	Experimentally	ECHA

#### Chronic toxicity

#### 1,6-hexanediyl bismethacrylate

Parameter	Value	Exposure time	Species	Environment	Value determination	Source
EC <sub>50</sub>	5.33 mg/l	72 hours	Algae (Selenastrum capricornutum)	Fresh water	Toxicity test	ECHA
EC <sub>0</sub>	800 mg/l	16 hours	Bacteria (Pseudomonas putida)	Fresh water	Toxicity test	ECHA



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### 12.2. Persistence and degradability

not available

#### Biodegradability

1,6-hexanediyl bismethacrylate							
Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
% Degradation	OECD 301F	91.1 %	28 days	Fresh water	Experimentally	Easily biodegradable	ECHA

N,N-dimethyl-p-toluidine							
Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
						Hardly biodegradable	

### 12.3. Bioaccumulative potential

not available

N,N-dimethyl-p-toluidine							
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination	Source
BCF	29.09-33.19			Activated sludge		Calculation of value	ECHA

### 12.4. Mobility in soil

not available

### 12.5. Results of PBT and vPvB assessment

not available

### 12.6. Endocrine disrupting properties

not available

### 12.7. Other adverse effects

not available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

not available

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.  
Decision 2000/532/EC establishing a list of wastes, as amended.

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

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**14.6. Special precautions for user**

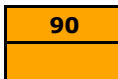
not available

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

**Additional information**

Hazard identification No.



UN number

**SECTION 15: Regulatory information**

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

not available

**SECTION 16: Other information**

**A list of standard risk phrases used in the safety data sheet**

- H373 May cause damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.
- H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

**Other important information about human health protection**

not available

**Key to abbreviations and acronyms used in the safety data sheet**

- ADR European agreement concerning the international carriage of dangerous goods by road
- BCF Bioconcentration Factor
- CAS Chemical Abstracts Service
- CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
- EC Identification code for each substance listed in EINECS
- EC<sub>0</sub> Concentration of a substance when it is affected 0% of the population
- EC<sub>50</sub> Concentration of a substance when it is affected 50% of the population
- EINECS European Inventory of Existing Commercial Chemical Substances
- EmS Emergency plan
- EU European Union
- EuPCS European Product Categorisation System
- IATA International Air Transport Association
- IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
- ICAO International Civil Aviation Organization
- IMDG International Maritime Dangerous Goods
- IMO International Maritime Organization
- INCI International Nomenclature of Cosmetic Ingredients
- ISO International Organization for Standardization
- IUPAC International Union of Pure and Applied Chemistry
- LC<sub>50</sub> Lethal concentration of a substance in which it can be expected death of 50% of the population
- LD<sub>50</sub> Lethal dose of a substance in which it can be expected death of 50% of the population

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LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
STOT RE	Specific target organ toxicity - repeated exposure

### Training guidelines

not available

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.