

## VILLACRYL HARD ETCHANT

Creation date	06th May 2024	Version	2.0
Revision date			

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

**1.1. Product identifier** VILLACRYL HARD ETCHANT  
 Substance / mixture mixture  
 Number V190L03  
 UFI 8EH0-M0G1-G000-5M9H

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

**Mixture's intended use**

Etchant for hard denture relining material VILLACRYL Hard. 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	Everall7 Sp. z o.o.
E-mail	info@everall7.pl

**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 classified as dangerous.

Flam. Liq. 2, H225  
 Eye Irrit. 2, H319  
 STOT SE 3, H336

**Most serious adverse effects on human health and the environment**

May cause drowsiness or dizziness. Causes serious eye irritation.

**2.2. Label elements**

**Hazard pictogram**



**Signal word**

Danger

**Hazardous substances**

acetone  
 ethyl acetate

**Hazard statements**

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

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### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing mist/vapours/spray.

P312 Call a POISON CENTER if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use powder extinguisher/sand/carbon dioxide to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

### Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture.

**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
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2	acetone	<60	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	1
Index: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4	ethyl acetate	>40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	1

#### Notes

1 A substance for which exposure limits are set.

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

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

#### If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

**If inhaled**

May cause drowsiness or dizziness.

**If on skin**

Not expected.

**If in eyes**

Causes serious eye irritation.

**If swallowed**

Irritation, nausea.

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

Symptomatic treatment.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

**Unsuitable extinguishing media**

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

**5.3. Advice for firefighters**

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

**6.4. Reference to other sections**

See the Section 7, 8 and 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up. Keep container tightly closed.

Storage temperature

min 5 °C, max 25 °C

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

not available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### European Union

#### Commission Directive (EU) 2017/164

Substance name (component)	Type	Value
ethyl acetate (CAS: 141-78-6)	OEL 8 hours	734 mg/m <sup>3</sup>
	OEL 8 hours	200 ppm
	OEL 15 minutes	1468 mg/m <sup>3</sup>
	OEL 15 minutes	400 ppm

#### European Union

#### Commission Directive 2000/39/EC

Substance name (component)	Type	Value
acetone (CAS: 67-64-1)	OEL 8 hours	1210 mg/m <sup>3</sup>
	OEL 8 hours	500 ppm

#### DNEL

acetone					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1210 mg/m <sup>3</sup>	Chronic effects systemic	Experimentally	ECHA
Workers	Inhalation	2420 mg/m <sup>3</sup>	Chronic effects local	Experimentally	ECHA
Workers	Dermal	186 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA
Consumers	Inhalation	200 mg/m <sup>3</sup>	Chronic effects systemic	Experimentally	ECHA
Consumers	Dermal	62 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA
Consumers	Oral	62 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA

ethyl acetate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	734 mg/m <sup>3</sup>	Chronic effects systemic	Experimentally	ECHA
Workers	Inhalation	1468 mg/m <sup>3</sup>	Acute effects systemic	Experimentally	ECHA
Workers	Inhalation	734 mg/m <sup>3</sup>	Acute effects systemic	Experimentally	ECHA
Workers	Inhalation	1468 mg/m <sup>3</sup>	Acute effects local	Experimentally	ECHA
Workers	Dermal	63 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA
Consumers	Inhalation	367 mg/m <sup>3</sup>	Chronic effects systemic	Experimentally	ECHA
Consumers	Inhalation	734 mg/m <sup>3</sup>	Acute effects systemic	Experimentally	ECHA
Consumers	Inhalation	367 mg/m <sup>3</sup>	Acute effects systemic	Experimentally	ECHA
Consumers	Inhalation	734 mg/m <sup>3</sup>	Acute effects local	Experimentally	ECHA
Consumers	Dermal	37 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA
Consumers	Oral	4.5 mg/kg bw/day	Chronic effects systemic	Experimentally	ECHA

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### PNEC

acetone			
Route of exposure	Value	Value determination	Source
Drinking water	10.6 mg/l	Experimentally	ECHA
Water (intermittent release)	21 mg/l	Experimentally	ECHA
Marine water	1.06 mg/l	Experimentally	ECHA
Microorganisms in sewage treatment	100 mg/kg	Experimentally	ECHA
Freshwater sediment	30.4 mg/kg of dry substance of sediment	Experimentally	ECHA
Sea sediments	3.04 mg/kg of dry substance of sediment	Experimentally	ECHA
Soil (agricultural)	29.5 mg/kg of dry substance of soil	Experimentally	ECHA

### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles.

#### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Data not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	colourless
color intensity	transparent
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	56.2 °C
Flammability	inflammable
Lower and upper explosion limit	
bottom	2.1 %
upper	12.5 %
Flash point	<10 °C
Auto-ignition temperature	>400 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	almost insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available

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Density and/or relative density	
Density	0.900 g/cm <sup>3</sup> at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

**9.2. Other information**  
not available

### SECTION 10: Stability and reactivity

**10.1. Reactivity**

not available

**10.2. Chemical stability**

The product is stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Unknown.

**10.4. Conditions to avoid**

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

**10.5. Incompatible materials**

Protect against strong acids, bases and oxidizing agents.

**10.6. Hazardous decomposition products**

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

**Acute toxicity**

Based on available data the classification criteria are not met.

acetone							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	5800 mg/kg bw		Rat ( <i>Rattus norvegicus</i> )	F	Experimentally	ECHA
Inhalation	LC <sub>50</sub>	132 mg/l of air	3 hours	Rat ( <i>Rattus norvegicus</i> )	M	Experimentally	ECHA
Skin	LD <sub>50</sub>	>7426 mg/kg bw	24 hours	Rabbit (white)	F/M	Experimentally	ECHA

ethyl acetate							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD <sub>50</sub>	5620 mg/kg bw		Rat ( <i>Rattus norvegicus</i> )	F/M	Experimentally	ECHA
Inhalation	LC <sub>50</sub>	22.5 mg/l	6 hours	Rat ( <i>Rattus norvegicus</i> )	F/M	Experimentally	ECHA
Dermal	LD <sub>50</sub>	20000 mg/kg bw	24 hours	Rabbit (New Zealand White)	M	Experimentally	ECHA

**Skin corrosion/irritation**

Based on available data the classification criteria are not met.

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### Irritation

acetone						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Skin	Not irritating			Rabbit (Albino)	Toxicity test	ECHA
Eye	Irritating		24 hours	Rabbit	Literary studies, Experimentally	ECHA

ethyl acetate						
Route of exposure	Result	Method	Exposure time	Species	Value determination	Source
Dermal	Not irritating		24 hours	Rabbit	Experimentally	ECHA
Eye	Not irritating	OECD 405		Rabbit (New Zealand White)	Experimentally	ECHA

### Serious eye damage/irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

### Sensitization

acetone							
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination	Source
Skin	Not sensitizing			Guinea-pig (Cavia aperea f. porcellus)	F	Literary studies, Experimentally	ECHA

ethyl acetate							
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination	Source
Dermal	Not sensitizing	OECD 406		Guinea-pig (Dunkin-Hartley)	F	Experimentally	ECHA

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

acetone							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation	OECD 471			Bacteria (Salmonella typhimurium)		Toxicity test	ECHA
Negative		13 weeks (7 days/week)		Mouse	F/M	Toxicity test	ECHA

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ethyl acetate							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative without metabolic activation, Negative with metabolic activation	OECD 471	2 days		Bacteria (Salmonella typhimurium)		Experimentally	ECHA
Negative	OECD 474			Chinese hamster (Cricetulus barabensis)	F/M	Experimentally	ECHA

### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

ethyl acetate							
Effect	Parameter	Value	Exposure time	Result	Species	Sex	Value determination
Effects on fertility	NOAEL	26400 mg/kg bw/day	94 days	Positive	Mouse	F/M	Analogous approach
Effects on fertility	NOAEC	22000 mg/m <sup>3</sup>	94 days	Positive	Rat (Rattus norvegicus)	F/M	Analogous approach, Experimentally
Developmental toxicity	NOAEC	73300 mg/m <sup>3</sup>		Positive	Rat (Rattus norvegicus)	F/M	Analogous approach

### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Repeated dose toxicity

acetone									
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	NOAEL	No effect	OECD 408	900 mg/kg bw	13 weeks (7 days/week)	Rat (Rattus norvegicus)	M	Toxicity test	ECHA
Inhalation	NOAEC	No effect		22500 mg/m <sup>3</sup>	8 weeks (3 hour/day, 5 days/week)	Rat (Rattus norvegicus)	M	Literary studies, Experimentally, Toxicity test	ECHA



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ethyl acetate									
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	NOAEL	No effect	EPA OTS 795.2600	900 mg/kg bw/day	90 - 92 days (7 days/week)	Rat (Rattus norvegicus)	F/M	Experimentally	ECHA
Inhalation	NOEC	No effect	EPA OTS 798.2450	350 ppm	94 days (5 days/week, 6 hour/day)	Rat (Rattus norvegicus)	F/M	Experimentally	ECHA

### Aspiration hazard

Based on available data the classification criteria are not met.

### 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 12: Ecological information

### 12.1. Toxicity

not available

#### Acute toxicity

acetone							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC <sub>50</sub>	OECD 203	5540 mg/l	96 hours	Fish (Oncorhynchus mykiss)	Fresh water	Toxicity test	ECHA
LC <sub>50</sub>	OECD 203	11000 mg/l	96 hours	Fish (Alburnus alburnus)	Salt water	Toxicity test	ECHA
LC <sub>50</sub>	OECD 202	8800 mg/l	48 hours	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA
LC <sub>50</sub>	OECD 202	2100 mg/l	24 hours	Daphnia (Artemia salina)	Salt water	Toxicity test	ECHA
NOEC	OECD 209	1000 mg/l	30 minutes	Other aquatic organisms	Activated sludge	Toxicity test	ECHA

ethyl acetate							
Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC <sub>50</sub>		230 mg/l	96 hours	Fish (Oncorhynchus mykiss)	Fresh water	Experimentally	ECHA
EC <sub>50</sub>		165 mg/l	48 hours	Invertebrates (Daphnia Cucullata)	Fresh water	Experimentally	ECHA
EC <sub>50</sub>		5600 mg/l	48 hours	Algae (Selenastrum subspicatus)	Fresh water	Experimentally	ECHA
NOEC		1000 mg/l	48 hours	Algae (Selenastrum pannonicus)	Fresh water	Experimentally	ECHA

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### ethyl acetate

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
NOEC		650 mg/l	16 hours	Microorganisms (Pseudomonas putida)	Fresh water	Experimentally	ECHA

### Chronic toxicity

#### acetone

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
NOEC	OECD 211	2212 mg/l	28 days	Daphnia (Daphnia magna)	Fresh water	Toxicity test	ECHA
NOEC		530 mg/l	8 days	Algae and other aquatic plants (Microcystis aeruginosa)	Fresh water	Toxicity test	ECHA
NOEC		430 mg/l	96 hours	Algae and other aquatic plants (Prorocentrum minimum)	Salt water	Toxicity test	ECHA

#### ethyl acetate

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
NOEC		6.9 mg/l	32 days	Fish (Oncorhynchus mykiss)	Fresh water	Experimentally	ECHA
NOEC		2.4 mg/l	21 days	Invertebrates (Daphnia magna)	Fresh water	Experimentally	ECHA

### 12.2. Persistence and degradability

not available

#### Biodegradability

##### acetone

Parameter	Method	Value	Exposure time	Environment	Value determination	Result	Source
% Degradation	OECD 301B	90 %	28 days	Fresh water	Experimentally	Easily biodegradable	ECHA

### 12.3. Bioaccumulative potential

Data not available.

##### acetone

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination	Source
BCF	3					Calculation of value	ECHA

### 12.4. Mobility in soil

Data not available.

### 12.5. Results of PBT and vPvB assessment

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Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12.7. Other adverse effects**

Data not available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

**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.

**Waste type code**

16 03 03\* inorganic wastes containing hazardous substances

**Packaging waste type code**

15 01 07 Glass packaging

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

**SECTION 14: Transport information**

**14.1. UN number or ID number**

UN 1993

**14.2. UN proper shipping name**

FLAMMABLE LIQUID, N.O.S.

**14.3. Transport hazard class(es)**

3 Flammable liquids

**14.4. Packing group**

II

**14.5. Environmental hazards**

not relevant

**14.6. Special precautions for user**

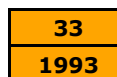
not available

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

not relevant

**Additional information**

Hazard identification No.



UN number

Classification code

F1

Safety signs

3



Tunnel restriction code

(D/E)

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### Air transport - ICAO/IATA

Packaging instructions passenger	351
Cargo packaging instructions	361

### Marine transport - IMDG

EmS (emergency plan)	F-E, S-E
MFAG	310

## 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. Product contains reportable explosives precursors: Reporting of suspicious transactions, disappearances and thefts according to Regulation (EU) 2019/1148, Article 9. 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

A chemical safety assessment has not been carried out (mixture).

## SECTION 16: Other information

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

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

### Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing mist/vapours/spray.
P312	Call a POISON CENTER if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use powder extinguisher/sand/carbon dioxide to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

### A list of additional standard phrases used in the safety data sheet

EUH066	Repeated exposure may cause skin dryness or cracking.
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### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### 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>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

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

## VILLACRYL HARD ETCHANT

Creation date	06th May 2024	Version	2.0
Revision date			

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
log K <sub>ow</sub>	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
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

Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### 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.

### The changes (which information has been added, deleted or modified)

Version 2.0 replaces the SDS version from 05/18/2021. Data updates and changes have been made to all sections of the SDS.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.