

SAFETY DATA SHEET

(acc. to Regulation (EC) no. 1907/2006 of the European Parliament and of the Council)

Date of issue / version no.: 27. July 2018 / 1.0

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Product name:

LACQUER VIKTOR 377

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

1.1. Product identifier

Product identifier: **LACQUER VIKTOR 377**
Other names, synonyms: Not given
Registration number REACH: Not applied to mixtures

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

Identified uses: Primer for Al foils.
Intended for professional/industrial use.
Unadvisable uses: None known.

1.3. Details of the supplier of the safety data sheet

Name or trade name: **VIKTOR Lacquers, s.r.o.**
Registered office/place of business: U Jatek 1551, 592 31 Nové Město na Moravě, CZ
Identification no.: 09344781
Telephone: +420 566 618 550
Fax: +420 566 618 053
www: www.viktorlac.com
Name or trade name of the **competent person** responsible for the Safety Data Sheet elaboration: DEKRA CZ a.s.
Registered office/place of business: Oddělení chemických látek a směsí
Türkova 1001, 149 00 Praha 4, CZ
Telephone/fax: +420 545 218 716, 545 218 707
E-mail: ekoline@ekoline.cz

1.4. Emergency telephone number

112 (24 hour service) – applicable to EU countries only

Czech Republic: +420 – 224 91 92 93; 224 91 54 02 (24-hour service)

Klinika nemocí z povolání – Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha 2, CZ

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to EC 1272/2008

The mixture is not classified as hazardous within the meaning of Regulation (EC) no. 1272/2008.

The most important adverse physicochemical, human health and environmental effects

No adverse human health and environmental effects if instructions for use are observed.

The full texts of all classifications and hazard statements are given in Section 16.

2.2. Label elements

Labelling according to EC 1272/2008

Product identifier:	LACQUER VIKTOR 377
Chemical names of dangerous substances:	-
Hazard pictogram:	-
Signal word:	-
Hazard statements:	-
Precautionary statements:	-
Supplemental information on the label:	EUH210 Safety data sheet available on request.

2.3. Other hazards

Flammable liquid, hazard class III acc. to. ČSN 65 0201.

The mixture does not meet the criteria for the PBT or vPvB classification.

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To the date of the SDS elaboration, the substances contained are not included on the Candidate List (SVHC inventory) for inclusion in Annex XIV to REACH Regulation.

SECTION 3: Composition/information on ingredients

3.1. Substances

The product is a mixture of more substances.

3.2. Mixtures

Acrylic acid ester copolymer based water dispersion

Product identifier:	Concentration / concentration ranges	Index No. CAS No. EC No.	Classification according to EC 1272/2008
polypropyleneglycol	< 0,6 %	- 25322-69-4 500-039-8	Acute Tox. 4 (oral); H302
ammonia	< 0,8 %	007-001-01-2 1336-21-6 215-647-6	Skin Corr./Irrit. 1B Eye Dam./Irrit. 1 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 2 H335, H314, H411, H400

SECTION 4: First aid measures

4.1. Description of first aid measures

If health problems occur or if in doubt, seek medical help.

<i>Inhalation:</i>	In case of health problems provide sufficient fresh air.
<i>Skin contact:</i>	Remove contaminated clothing. Rinse affected skin with a copious amount of water or with soap and water. If irritation persists, seek medical help.
<i>Eye contact:</i>	Immediately start rinsing wide open eyes with lukewarm running water and continue for several minutes. Remove contact lenses. If irritation persists, seek medical help.
<i>Ingestion:</i>	In case of nausea seek medical help.

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

If instructions for use are observed, the product has no harmful effects.

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

Considering its physical properties, the product may cause mechanical irritation. It may agglutinate in the gastrointestinal tract. Medical help should be sought. Depending on symptoms, invasive measures may be necessary.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: none known; should be used acc. to the surrounding area.

Unsuitable extinguishing media: none known.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may lead to the formation of toxic emissions – oxides of carbon (CO, CO₂). Avoid inhaling products of combustion.

5.3. Advice for firefighters

If necessary, use a self-contained breathing apparatus (EN 137). If possible, remove the product from the place of fire. Cool vessels containing the product with water spray or mist. Prevent used extinguishing media from entering the sewerage and water sources.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (see Section 8). Spillages pose a risk of slipping.

6.2. Environmental precautions

Prevent the product from entering the environment, water sources, sewerage, and soil.

6.3. Methods and material for containment and cleaning up

Large releases:

Pump off the product. If possible, remove the released product with a suitable pump for hazard class III flammable liquids.

Small releases:

Contain the released product with a suitable non-flammable material (vapex, dirt, universal sorbent) and place the contaminated material into waste collection containers. For disposal see Section 13.

6.4. Reference to other sections

Observe also provisions given in Sections 8 and 13 of this Safety Data Sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe usual fire prevention measures (no smoking, no handling open flame, removing all possible sources of ignition).

No eating, drinking or smoking at work. Observe personal hygiene rules. Use personal protective equipment (see Section 10). Provide sufficient ventilation of the workplace. Avoid inhaling vapours and aerosols. Avoid contact with skin and eyes. Contaminate working clothing may be used only after having been thoroughly cleaned. After finishing work wash hands and face thoroughly with soap and water. Spilled product increases the risk of slipping.

Preventing environmental release: depending on the quantity of the product stored, keep vessels in retaining tubs, on sorption mats, or take other measures for collecting drippings from the vessels. Equip storage spaces with retaining no-drain sumps. Collect damaged packaging mechanically and remove it, if it may be done safely. Prevent from entering the sewerage, surface and ground waters, and soil. If a release occurs, proceed acc. to Section 6.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed vessels, in a clean, dry, and well-ventilated space. Protect from freezing.

7.3. Specific end use(s)

Specific use is given in the instructions for use on the product packaging label or in the product documentation.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values according to Directive 2000/39/EC, as amended – are not specified.

Limit values of biological exposure tests are not specified in **Directive no. 98/24/EC, as amended**.

DNEL and PNEC values: not yet available for the mixture.

1336-21-6: ammonia, solution ...%

STEL 36 mg/m³ ; 50 ppm (OEL (EU))

PEL 14 mg/m³ ; 20 ppm (OEL (EU))

PEL 14 mg/m³ (OEL (CZ))

NPK-P 36 mg/m³ (OEL (CZ))

8.2. Exposure controls

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8.2.1. Appropriate engineering controls

Ensure sufficient ventilation. Make sure only workers wearing personal protective equipment handle the product.

8.2.2. Individual protection measures, such as personal protective equipment

Directive EU 89/656/EEC and Directive EU 89/686/EEC introduces all personal protective equipment used.

Eye/face protection:	Protective goggles (EN 166).
Skin protection:	Hand protection: Protective gloves (EN 374-1) – rubber. Read the instructions for use specified by the manufacturer. Other: Usual work clothing.
Respiratory protection:	None required with sufficient ventilation.
Thermal hazards:	None.

8.2.3. Environmental exposure controls

See Directives 80/68/EEC, 90/656/EEC, 91/692/EEC, on waters, and Directive 96/62/EEC, on air

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	White liquid
Odour:	Mild, ammonia
Odour threshold:	Not determined
pH:	7,0 – 8,0
Melting point/freezing point:	Ca 0 °C
Initial boiling point and boiling range:	Ca 100 °C
Flash point:	Data not available
Evaporation rate:	Data not available
Flammability (solid, gas) :	Data not available
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	Data not available
Vapour density:	Data not available
Relative density:	Ca 1.11 g/cm ³
Solubility(ies):	Moderately soluble in water
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available
Viscosity:	Data not available
Explosive properties:	Not explosive
Oxidising properties:	Data not available

9.2. Other information

Data not available	
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SECTION 10: Stability and reactivity

10.1. Reactivity

No risks of reactions with other substances are known under normal conditions.

10.2. Chemical stability

Stable in storage and handling at normal ambient conditions

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

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Protect from freezing.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Oxides of carbon (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data have not been determined experimentally for the mixture.

Data on the possible effect of the mixture are based on known effects of individual ingredients.

Acute toxicity

Experimental/calculated data:

LD50 rat (oral): > 5.000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

LC50 rat (by inhalation): 4 h

not determined

LD50 rat (dermal):

not determined

Irritation

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Serious eye damage/irritation rabbit: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Respiratory/Skin sensitization

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

The product has not been tested. The statement has been derived from the properties of the individual components.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Repeated oral uptake of the substance did not cause substance-related effects.

Repeated inhalative uptake of the substance did not cause substance-related effects.

Repeated dermal uptake of the substance did not cause substance-related effects.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aspiration hazard

Based on available data, the classification criteria are not met.

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SECTION 12: Ecological information

Toxicological data have not been determined experimentally for the mixture.

Data on the possible effect of the mixture are based on known effects of individual ingredients.

12.1. Toxicity

No harmful effects on aquatic organisms are expected.

Toxicity to fish:

LC50 (96 h) > 100 mg/l, *Leuciscus idus*

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aquatic invertebrates:

EC50 (48 h) > 100 mg/l, *Daphnia magna* (Screening (style of OECD 202), static)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aquatic plants:

EC50 (72 h), algae

No data available.

Microorganisms/Effect on activated sludge:

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Chronic toxicity to fish:

No data available regarding toxicity to fish.

Chronic toxicity to aquatic invertebrates:

No data available regarding toxicity to daphnids.

Assessment of terrestrial toxicity:

No data available concerning terrestrial toxicity.

12.2. Persistence and degradability

Elimination by adsorption on activated sludge or separation by flocculation is possible.

Acrylic acid ester copolymer: not readily biodegradable.

12.3. Bioaccumulative potential

No undesirable effects are expected.

12.4. Mobility in soil

No undesirable effects are expected.

12.5. Results of PBT and vPvB assessment

The mixture is not classified as PBT or vPvB.

12.6. Other adverse effects

Upon current knowledge, neither adverse effects in WWTPs nor adverse influence on the environment are expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Catalogue numbers of waste types are to be assigned by the user upon the product application used and other facts. Must not be disposed of together with municipal waste. No to be discharged to the sewerage.

European Waste Catalogue (EWC):

Recommended packaging code: 08 01 12 waste paint and varnish containing organic solvents or other dangerous substances

Packaging: subgroup 15 01 xx

Cleaning waste: 15 02 03 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Recommended disposal method for legal persons and physical persons authorised to enterprise:

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Place unused preparation and contaminated packaging into labelled waste collection containers, hand over labelled waste for disposal to a specialised company authorised to carry out such activities.

Recommended disposal method: recycle the product if possible or incinerate in an approved facility. Contaminated packaging must be cleaned before recycling (water). Incineration should be considered only if recycling is not possible.

Legal regulations relating to waste

Directive on waste no. 2006/12/EC and 2008/98/EC. Disposal must be made according to official regulations.

SECTION 14: Transport information

Not subject to ADR, RID, ADN, ICAO/IATA, IMDG provisions.

14.1.UN number	Not subject to provisions
14.2.UN proper shipping name	Not subject to provisions
14.3.Transport hazard class(es)	Not subject to provisions
14.4.Packing group	Not subject to provisions
14.5.Environmental hazards	No
14.6.Special precautions for user	Not known
14.7.Transport in bulk according to Annex II of Marpol and the IBC Code	Not known

SECTION 15: Regulatory information

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

Restrictions on the substances or mixtures according to Annex XVII of the REACH: none.

Candidate list (SVHC list of substances) – REACH article 59: none.

Substances subject to authorization (Annex XIV of the REACH Regulation): none.

Regulation (EC) of the European Parliament and of the Council no. 1907/2006 on Registration, evaluation, authorisation and restriction of chemicals (REACH)

Regulation (EC) of the European Parliament and of the Council no. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

The recipient of the substance or mixture must take measures following the legal status of the substance or mixture (including substances contained in the mixture) in compliance with domestic legislation of the particular member state, and to list those legal regulations here.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed for the mixture.

SECTION 16: Other information

Changes to the SDS

Revision history:

Version	Date	Changes
0	18 Apr 2016	First issue according to Regulation (EC) of the European Parliament and of the Council no. 1907/2006 and to Regulation (EC) of the European Parliament and of the Council no. 1272/2008

Legend to abbreviations and acronyms

CAS Chemical Abstract Service

EC European Community number of a chemical for EINECS, ELINCS and NLP inventories

PBT Persistent, Bioaccumulative and Toxic substances

vPvB very Persistent and very Bioaccumulative substances

LD₅₀ Lethal dose, 50 %

LC₅₀ Lethal concentration, 50 %

EC₅₀ Half maximal effective concentration

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IC₅₀ Half maximal inhibitory concentration

SVHC Substances of very high concern

DNEL Derived no-effect level

Eye Irrit. 2 Eye irritation, category 2

Key literature references and sources for data

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

The mixture has been evaluated and classified acc. to Regulation (ES) no. 1272/2008 with the use of the additive or non-additive methods (human health hazard), summing method (environmental hazard) and upon test results (physical hazard).

List of relevant hazard statements and precautionary statements used in the SDS

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

EUH210 Safety data sheet available on request.

Training advice

See Directive 91/383/EEC.

Other information

For further information see Section 1.3.

This Safety Data Sheet elaborated by DEKRA CZ a.s. represents an expert competent material complying with valid legal regulations. No modifications may be performed without the approval of the competent person.

The product shall not be used for any other purpose than the intended one (see Section 1.2). Since specific conditions of the preparation usage are beyond the supplier's control, it is the user's responsibility to adapt specified notices for local laws and regulations. Safety information describes the product in terms of safety, and therefore may not be considered to be technical information about the product.