

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 1 / 8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name: **PRIMER VIKTOR 333**

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

1.1. Product identifier

Product identifier: **PRIMER VIKTOR 333**
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
E-mail of the **competent person** responsible for the Safety Data Sheet elaboration: info@viktorlac.com

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 pracovního lékařství – 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:	PRIMER VIKTOR 333
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

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

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.

No substance was included in the list established in accordance with Article 59(1) for having endocrine disrupting properties. No substance is a substance identified as having endocrine disrupting properties

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008	Page: 2 / 8
Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021	
Product name:	PRIMER VIKTOR 333

in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605 (at a concentration equal to or greater than 0,1 % by weight).

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	SCL ATE M-Factor
ethanol	< 1,5 %	603-002-00-5 64-17-5 200-578-6	Flam. Liq. 2; H225	Eye Irrit. 2; H319: c ≥ 50 %
butan-1-ol	< 2,5 %	603-004-00-6 71-36-3 200-751-6	Flam. Liq. 3; H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	-

This classification corresponds to 100% concentration of the substance.

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

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.

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 3 / 8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name: **PRIMER VIKTOR 333**

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, 2006/15/EC, 2009/161/EU, 2017/164/EU and 2019/1831/EU, 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.

Ethanol

DNEL values:

Workers: 950 mg/m³ – human exposure, inhalatory, long-term exposure, systemic effects

Workers: 1,900 mg/m³ – human exposure, inhalatory, short-term exposure, local effects

Workers: 343 mg/kg body wgt/day – human exposure, dermal, long-term exposure, systemic effects

Consumers: 114 mg/m³ – human exposure, inhalatory, long-term exposure, systemic effects

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 4 / 8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name: **PRIMER VIKTOR 333**

Consumers: 950 mg/m³ – human exposure, inhalatory, short-term exposure, local effects

Consumers: 206 mg/kg body wgt/day – human exposure, dermal, long-term exposure, systemic effects

Consumers: 87 mg/kg body wgt/day – human exposure, oral, long-term exposure, systemic effects

PNEC values:

Freshwater: 0.96 mg/l

Marine water: 0.79 mg/l

Microorganisms in STP: 580 mg/l

Freshwater sediments: 3.6 mg/kg sediment dw

Marine water sediments: 2.9 mg/kg sediment dw

Soil: 0.63 mg/kg soil dw

Hazard for predators, secondary poisoning: 0.72 mg/kg food

8.2. Exposure controls

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 Regulation (EU) 2016/425 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 2000/60/EEC, on waters, and Directive 2008/50/EC, on air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	White
Odour:	Mild
Melting point/freezing point:	Ca 0 °C
Boiling point or initial boiling point and boiling range:	Ca 100 °C
Flammability:	Not flammable
Lower and upper explosion limit:	Not applicable
Flash point:	> 62 °C 62 °C (table value for 5% ethanol-water solution)
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available
pH:	7.5 – 8.5
Kinematic viscosity:	Dynamic: 50–350 mPa.s at 23 °C (EN ISO 2555)
Solubility:	Moderately soluble in water
Partition coefficient n-octanol/water (log value):	Data not available
Vapour pressure:	23 hPa at 20 °C
Density and/or relative density:	Ca 1.02 g/cm ³
Relative vapour density:	Data not available
Particle characteristics:	Does not apply for liquids

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 5 / 8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name:

PRIMER VIKTOR 333

9.2. Other information

Information with regard to physical hazard classes

Data not available.

Other safety characteristics

Data not available.

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

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 hazard classes as defined in Regulation (EC) No 1272/2008

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

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

- LD ₅₀ , oral, rat (mg.kg ⁻¹):	> 2,000 (acrylic acid ester copolymer), OECD 423
- LD ₅₀ , dermal, rabbit (mg.kg ⁻¹):	Data not given
- LC ₅₀ , inhalation, rat (mg.l ⁻¹):	Data not given

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

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

Aspiration hazard

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

11.2. Information on other hazards

Data not available. The endocrine disrupting properties are unknown.

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 6 / 8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name:

PRIMER VIKTOR 333

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.

- LC ₅₀ , 96 hrs., fish (mg.l ⁻¹):	> 100 <i>Oncorhynchus mykiss</i> , OECD 203 (acrylic acid ester copolymer)
- EC ₅₀ , 48 hrs., crustacea (mg.l ⁻¹):	Data not given
- IC ₅₀ , 72 hrs., algae (mg.l ⁻¹):	Data not given

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. Endocrine disrupting properties

Data not available. The endocrine disrupting properties are unknown.

12.7. 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:

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 2008/98/EC on waste. Commission Decision 2014/955/EU on the list of waste. Directive 94/62/EC on packaging and packaging waste. Disposal must be made according to official regulations.

SECTION 14: Transport information

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

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008	Page: 7 / 8
Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021	
Product name:	PRIMER VIKTOR 333
14.1. U UN number or ID 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. Maritime transport in bulk according to IMO instruments	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
1.0	18 Mar 2021	Revision of format of safety data sheet according to Commission regulation (EU) 2020/878. Legislative update in section 8 and 13.

Legend to abbreviations and acronyms

ATE	Acute toxicity estimate
M-factor	Multiplying factor
SCL	Specific concentration limit
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
LD ₅₀	Lethal dose, 50 %
LC ₅₀	Lethal concentration, 50 %
EC ₅₀	Half maximal effective concentration
IC ₅₀	Half maximal inhibitory concentration
SVHC	Substances of very high concern
DNEL	Derived no-effect level
Flam. Liq. 2	Flammable liquid, category 2
Eye Irrit. 2	Eye irritation, category 2

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by Regulation (EU) 2020/878)

Date of issue: Jun 2008

Page: 8 /8

Revision date: 16 Mar 2022. Replaces version of 18 Mar 2021

Product name: **PRIMER VIKTOR 333**

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.

Methods used to classify a mixture

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 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.