Revision: 26.11.2024

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2024

Version 5 (replaces version 4)

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

- · 1.1 Product identifier
- Trade name: OTTO Primer 1225
- · **UFI:** VSW0-R001-S00W-EFG4
- · Product category PC9a Coatings and paints, thinners, paint removers
- · Application of the substance / the mixture Priming
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Hermann Otto GmbH Krankenhausstraße 14 D-83413 Fridolfing Tel.: 0049/(0)8684/908-0 Fax.: 0049/(0)8684/908-1840

· Further information obtainable from:

Tel.: 0049- (0)8684- 908- 2363 (-4300) E-Mail: alois.parzinger@otto-chemie.de • 1.4 Emergency telephone number:

Tel.: 0049- (0) 89- 192 40 (emergency telephone no.) Tel.: 0049/621/60-43333 (BASF Plant fire brigade)

+44 1865 407333 (Carechem 24)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour. Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Aguatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms





GHS02 GHS07

- · Signal word Danger
- · Hazard-determining components of labelling:

ethyl acetate

· Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

(Contd. on page 2)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 1)

P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking. EUH208 Contains dibutyltin dilaurate. May produce an allergic reaction.

- · Labelling of packages where the contents do not exceed 125 ml
- · Hazard pictograms





GHS02 GHS07

- · Signal word Danger
- · Hazard-determining components of labelling:

ethyl acetate

Hazard statements

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children. P102

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

Wear protective gloves / eye protection. P280

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

· 2.3 Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

· Determination of endocrine-disrupting properties

This product does not contain components that are endocrine disruptors according to UK REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Solvent mixture with additives.
- · Dangerous components:

CAS: 141-78-6 ethyl acetate

EINECS: 205-500-4 ♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 Reg.nr.: 01-2119475103-46

CAS: 67-63-0 propan-2-ol <10%

EINECS: 200-661-7 ♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3,

Reg.nr.: 01-2119457558-25-H336

0000

(Contd. on page 3)

50-100%

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 2)

EC number: 905-588-0 Reaktionsmasse von Ethylbenzol und Xylol

<10%

Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335;

Aquatic Chronic 3, H412

CAS: 67-56-1 methanol

<1%

Ťox. 3, H311; Ácute Ťox. 3, H331; 🗞 ŚTOT ŚE 1, H370

Specific concentration limits: STOT SE 1; H370: C ≥ 10%

STOT SE 2; H371: 3 % ≤ C < 10 %

CAS: 77-58-7 dibutyltin dilaurate

<1%

♠ Muta. 2, H341; Repr. 1B, H360FD; STOT SE 1, H370; STOT RE 1, H372; ♠ Skin Corr. 1C, H314;

Aquatic Acute 1, H400; Aquatic Chronic 1, H410;

🔥 Skin Sens. 1, H317

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
- · General information

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.

· After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

· After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing

Do not induce vomiting; call for medical help immediately. Show container or label.

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

Headache

Dizziness

Dizziness

Nausea

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

If swallowed or in case of vomiting, danger of entering the lungs

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents CO2, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents

Water.

Water with full jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters
- · Protective equipment: Do not inhale explosion gases or combustion gases.

(Contd. on page 4)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 3)

· Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources

- · 6.2 Environmental precautions: 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.

6.4 Reference to other sections See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

see item 8: Personal protective equipment

· Information about fire - and explosion protection:

Protect against electrostatic charges.

Traces of flammable substances may collect in the steam chamber of enclosed systems. Keep clear ofignition sources.

Highly volatile, flammable constituents are released during processing.

Flammable gas-air mixtures may form in empty receptacles.

· 7.2 Conditions for safe storage, including any incompatibilities

- Storage
- · Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Prevent any seepage into the ground.

- Information about storage in one common storage facility: Store away from foodstuffs.
- · Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm Long-term value: 266 mg/m³, 200 ppm

- · 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.

(Contd. on page 5)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 4)

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

Respiratory protection:

Use suitable respiratory protective device when high concentrations are present.

- · Hand protection Protective gloves.
- 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.

Recommended glove material: Butyl rubber, BR Recommended thickness of the material: >0,4 mm

- · Penetration time of glove material Breakthrough time: 10 30 min
- · Eye/face protection Tightly sealed goggles. · Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Physical state
 Colour:
 Odour:
 Melting point/freezing point:

Fluid

 Colourless
 Characteristic
 undetermined

Boiling point or initial boiling point and

boiling range undetermined Flammability Highly flammable.

Lower and upper explosion limit

Lower: 1 Vol %
Upper: 7 Vol %
Flash point: -4 °C
Auto-ignition temperature: 425 °C

Decomposition temperature: Not determined.
 pH Not determined.
 Viscosity at 40 °C: <20.5 mm2/s

· Solubility

· Water: Not determined.

· Partition coefficient n-octanol/water (log

value) Not determined.
• Vapour pressure at 20 °C: 100 hPa

Density and/or relative density

Density at 20 °C:
 Relative density
 Vapour density
 Particle characteristics
 0.98 g/cm³
 Not determined.
 vot determined.
 undetermined

· 9.2 Other information

· Form: Fluid

· **Ignition temperature:** Product is not selfigniting.

• Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Information with regard to physical hazard

classes

· Aerosols Void

(Contd. on page 6)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 5)

· Flammable liquids

Highly flammable liquid and vapour.

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.

Avoid strong heating.

· 10.3 Possibility of hazardous reactions

Danger of receptacles bursting because of high vapour pressure when heated

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised

- 10.5 Incompatible materials: Strong oxidizing agents, alkalis, amines, strong acides
- · 10.6 Hazardous decomposition products: see item 5.2

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:

141-78-6 ethyl acetate

Oral LD50 >5,000 mg/kg (rat)
Dermal LD50 >5,000 mg/kg (rabbit)

67-63-0 propan-2-ol

Oral LD50 5,840 mg/kg (rat)
Dermal LD50 13,900 mg/kg (rab)

67-56-1 methanol

Oral LD50 1,187 mg/kg (rat) (ECHA) Inhalative LC50/4 h 115.9 mg/l (rat) (ECHA)

77-58-7 dibutyltin dilaurate

Oral LD50 2,071 mg/kg (rat)

- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Causes serious eye irritation.
- · 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 May cause drowsiness or dizziness.
- · 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
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

This product does not contain components that are endocrine disruptors according to UK REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

(Contd. on page 7)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 6)

- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation Liquid residues must be specially treated adhering to official regulations.
- · Uncleaned packaging:
- Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· 14.1 UN number or ID number

· **ADR, IMDG, IATA** UN1993

· 14.2 UN proper shipping name

· **ADR** 1993 FLAMMABLE LIQUID, N.O.S. (ETHYL

ACETATE, ISOPROPANOL)

IMDG, IATA FLAMMABLE LIQUID, N.O.S. (ETHYL ACETATE,

ISOPROPANOL)

· 14.3 Transport hazard class(es)

· ADR



· Class 3 (F1) Flammable liquids.

· Label 3

· IMDG, IATA



· Class 3 Flammable liquids.

· Label 3

· 14.4 Packing group

· ADR, IMDG, IATA /

· 14.5 Environmental hazards:

· Marine pollutant: No

• 14.6 Special precautions for user Warning: Flammable liquids.

Hazard identification number (Kemler code): 33
 EMS Number: F-E,S-E
 Stowage Category B

· 14.7 Maritime transport in bulk according to

IMO instruments Not applicable.

(Contd. on page 8)

Printing date 26.11.2024 Version 5 (replaces version 4)

Trade name: OTTO Primer 1225

(Contd. of page 7)

Revision: 26.11.2024

· Transport/Additional information:

· Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category · Tunnel restriction code D/E

· IMDG

· Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E2

> Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHYL · UN "Model Regulation":

ACETATE, ISOPROPANOL), 3, II

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act
- Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 20, 69
- Regulation (EU) No 649/2012

77-58-7 dibutyltin dilaurate: Annex I Part 1

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

None of the ingredients is listed.

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

None of the ingredients is listed.

- · National regulations
- · Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

(Contd. on page 9)

Printing date 26.11.2024 Version 5 (replaces version 4) Revision: 26.11.2024

Trade name: OTTO Primer 1225

(Contd. of page 8)

Employment restrictions concerning pregnant and lactating women must be observed.

- · Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- Details of international registration status:

Listed on or in accordance with the following inventories:

UK REACH - Europe listed TSCA - USA listed AICS - Australia listed IECSC - China listed DSL - Canada not listed ENCS - Japan not listed NZIoC - New Zealand listed PICCS - Philippines ECL - Korea TCSI - Taiwan listed

· 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. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H341 Suspected of causing genetic defects.
- H360FD May damage fertility. May damage the unborn child.
- H370 Causes damage to organs.
- H371 May cause damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- · Department issuing SDS: Tel.: 0049- (0)8684- 908- 2363
- · Contact: Tel.: 0049- (0)8684- 908- 2363 (-4300)
- Date of previous version: 20.09.2022
- · Version number of previous version: 4

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

(Contd. on page 10)

Page 10/10

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.11.2024 Version 5 (re

Version 5 (replaces version 4)

Trade name: OTTO Primer 1225

(Contd. of page 9)

Revision: 26.11.2024

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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. 3: Acute toxicity — Category 3 Acute Tox. 4: Acute toxicity — Category 4

Skin Corr. 1C: Skin corrosion/irritation – Category 1C 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 Muta. 2: Germ cell mutagenicity – Category 2 Repr. 1B: Reproductive toxicity – Category 1E

Repr. 1B: Reproductive toxicity – Category 1B
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
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 Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

* Data compared to the previous version altered.

gb ·