

**Product Name: primer/2 for uniglue/2**

REF: 39701

Date of print: 26.07.2021 Date of last alteration: 26.07.2021

  
egger**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

primer/2 for uniglue/2

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

Primer for adhesives

**1.3. Details of the supplier of the safety data sheet**

Manufacturer/distributor: egger Otoplastik+Labortechnik GmbH

Street/POB-No.: Aybühlweg 59

Postal code/city/country: 87439 Kempten/Germany

Telephone: +49 831 58113-60

Telefax: +49 831 58113-14

Internet: www.egger.online

E-mail: sales@egger.online

**1.4. Emergency telephone number: +49 89 19240**

Emergency number: Munich, Germany, toxicological dep. of the II. Med. Hospital)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

Flam. Liq. 2;	H225	Highly flammable liquid and vapour.
Skin Irrit. 2;	H315	Causes skin irritation.
STOT SE 3;	H336	May cause drowsiness or dizziness.
Asp. Tox. 1;	H304	May be fatal if swallowed and enters airways.
Aquatic Acute 1;	H400	Very toxic to aquatic life.
Aquatic Chronic 1;	H410	Very toxic to aquatic life with long lasting effects.

**2.2. Label elements****Label (CLP):****Signal word:** Danger**Hazard statement:**

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H410 Very toxic 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.



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- P261 Avoid breathing vapours/spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.  
 P331 Do NOT induce vomiting.  
 P391 Collect spillage.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container to hazardous or special waste collection point.

## Special labelling

### Text for labelling:

Contains n-Heptane.

## 2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided. Inhaling can lead to irritations of the respiratory tract and mucous membrane. Higher doses may have a narcotic effect. Special danger of slipping by leaking/spilling product.

## Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

### 3.2. Mixtures

Chemical characterisation: Mixture containing the substances listed below:

#### Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 205-563-8 CAS 142-82-5	n-Heptane	>= 90 %	Flam. Liq. 2; H225. Skin Irrit. 2; H315. STOT SE 3; H336. Asp. Tox. 1; H304. Aquatic Acute 1; H400 (M-factor = 1). Aquatic Chronic 1; H410 (M-factor = 1).
EC No. 229-713-7 CAS 6674-22-2	1,8-Diazabicyclo[5.4.0]undec-7-ene	< 1 %	Met. Corr. 1; H290. Acute Tox. 3; H301. Skin Corr. 1B; H314. Aquatic Chronic 3; H412.

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

IF exposed or concerned: Get medical advice/attention. If medical advice is needed, have product container or label at hand.

First aider: Pay attention to self-protection!

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Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Seek medical treatment in case of troubles.

**Following skin contact:**

After contact with skin, wash immediately with soap and plenty of water. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

**After eye contact:**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After swallowing:**

Rinse mouth. Do NOT induce vomiting. Danger of aspiration! Immediately get medical attention.

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

May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Causes skin irritation. Inhaling can lead to irritations of the respiratory tract and mucous membrane.

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

Treat symptomatically. When swallowed and vomited immediately, aspiration into the lungs may occur resulting in chemical pneumonia or suffocation.

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

Water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide.

**Extinguishing media which must not be used for safety reasons:**

Full water jet.

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

Highly flammable liquid and vapour. With air, vapours form potentially explosive mixtures, which are heavier than air. Vapours may proceed on the ground over great distances and cause fire and backflashes. May form dangerous gases and vapours in case of fire. Furthermore, there may develop: Carbon monoxide and carbon dioxide.

**5.3 Advice for firefighters****Special protective equipment for firefighters:**

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

**Additional information:**

Hazchem-Code: 3YE. Cool endangered containers with water jetspray. Heating causes rise in pressure with risk of bursting. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not allow fire water to penetrate into surface or ground water. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

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

Eliminate all ignition sources if safe to do so. If possible, eliminate leakage. Avoid contact with the substance.

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Provide adequate ventilation. Avoid breathing vapours/spray. Wear appropriate protective equipment. Take off immediately all contaminated clothing and wash it before reuse. Keep unprotected people away. Cordon off downwind area at risk and warn inhabitants.

**6.2 Environmental precautions**

Do not allow to enter into ground-water, surface water or drains. If necessary notify appropriate authorities.

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

Isolate leaked material using non-flammable absorption agent (e. g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Beware of re-ignition. Thoroughly clean surrounding area.

**Additional information:**

In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out). Use explosion-proof equipment and non-sparking tools/utensils.

**6.4 Reference to other sections**

Refer additionally to section 8 and 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advices on safe handling:**

Provide adequate ventilation, and local exhaust as needed. Avoid breathing vapours/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse.

Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. Work place should be equipped with a shower and an eye rinsing apparatus.

**Precautions against fire and explosion:**

Keep away from sources of ignition and heat. In partially filled containers explosive mixtures may form.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements for storerooms and containers:**

Keep container tightly closed and in a well-ventilated place. Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight. Store containers in upright position.

**Hints on joint storage:**

Do not store together with strong oxidizing agents, strong acids. Do not store together with combustible or self-igniting materials or any highly flammable solids. Keep away from food, drink and animal feedingstuffs.

**Further details:**

Storage and handling of larger containers (> 10 kg): Take precautionary measures against static discharges.

Use only explosion-protected equipment/instruments. Do not weld.

**7.3 Specific end use(s)**

No information available.



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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
142-82-5	n-Heptane	Europe: IOELV: TWA Great Britain: WEL-TWA Ireland: 8 hours	2085 mg/m <sup>3</sup> ; 500 ppm 2085 mg/m <sup>3</sup> ; 500 ppm 2085 mg/m <sup>3</sup> ; 500 ppm

#### 8.2. Exposure controls:

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

#### Personal protection equipment

##### Occupational exposure controls

##### Respiratory protection:

If vapours form, use respiratory protection.

Respiratory protection: A2/P2 or better, depending on the operational load.

If higher concentrations occur: Wear self-contained breathing apparatus.

##### Hand protection:

Protective gloves according to EN 374.

recommendation:

Glove material: Nitrile rubber - Layer thickness:  $\geq 0.4$  mm

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

##### Eye protection:

Tightly sealed goggles according to EN 166.

##### Body protection:

Solvent-resistant protective clothing recommended.

##### General protection and hygiene measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Take off immediately all contaminated clothing and wash it before reuse.

Avoid breathing vapours/spray. Wash hands before breaks and after work. When using do not eat or drink.

Work place should be equipped with a shower and an eye rinsing apparatus.

##### Environmental exposure controls

Refer to „6.2 Environmental precautions“.

### SECTION 9: Physical and chemical properties

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

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: colourless
Odour:	No data available
Odour threshold:	No data available
pH value:	No data available



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Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	<= 23 °C
Evaporation rate:	No data available
Flammability:	Highly flammable liquid and vapour.
Explosion limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Density:	No data available
Water solubility:	practically insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	Product is not explosive. Potentially explosive vapour/air mixtures may form.
Oxidizing characteristics:	No data available

### 9.2. Other information

#### Additional information:

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Highly flammable liquid and vapour.

Vapours can form explosive mixtures with air.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Heating will lead to pressure increase: Danger of bursting and explosion.

### 10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.

Protect from direct sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents, strong acids.

### 10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

### Thermal decomposition:

No data available.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Toxicological effects:**

The statements are derived from the properties of the single components.

No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): ATE > 2000 mg/kg.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): STOT SE 3; H336 = May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

**Other information:****Information about 1,8-Diazabicyclo[5.4.0]undec-7-ene:**

LD50 Rat, oral: 215 - 681 mg/kg

**Information about n-Heptane:**

LD50 Rat, oral: > 5000 mg/kg

LD50 Rabbit, dermal: > 2000 mg/kg

LC50 Rat, inhalative: > 25 mg/L/4h

**Symptoms****In case of inhalation:**

Prolonged inhalation leads to headache, dizziness and CNS disorders. Danger of lung irritation / lung oedema.

**After contact with skin:**

Prolonged skin contact may decrease the skin and may produce dermatitis.

**SECTION 12: Ecological information****12.1. Toxicity****Aquatic toxicity:**

Very toxic to aquatic life with long lasting effects.

Information about 1,8-Diazabicyclo[5.4.0]undec-7-ene:

Algae toxicity: EC50 > 100 mg/L/48 h

Daphnia toxicity: EC50: 50 mg/L/48 h

Fish toxicity: LC50: 100-220 mg/L/96 h

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Product is not biodegradable.

**12.3 Bioaccumulative potential****Partition coefficient: n-octanol/water:**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**12.6 Other adverse effects****General information:**

Do not allow to enter into ground-water, surface water or drains.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product****Waste key number:**07 01 04\* = Other organic solvents, washing liquids and mother liquors, halogen-free.  
\* = Evidence for disposal must be provided.**Recommendation:**

Dispose of waste according to applicable legislation.

**Contaminated packaging****Waste key number:**15 01 10\* = packaging containing residues of or contaminated by dangerous substances  
\* = Evidence for disposal must be provided.**Recommendation:**Dispose of waste according to applicable legislation.  
Non-contaminated packages may be recycled.  
Handle empty containers with care. Incineration may cause explosion.**SECTION 14: Transport information****14.1 UN number**

ADR/RID, IMDG, IATA-DGR: UN 1206

**14.2 UN proper shipping name**

ADR/RID, IMDG, IATA-DGR: UN 1206, HEPTANES, mixture

**14.3 Transport hazard class(es)**

ADR/RID: Class 3, Code: F1

IMDG: Class 3, Subrisk P

IATA-DGR: Class 3





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### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR: II



### 14.5 Environmental hazards

Marine pollutant: yes

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Warning board: ADR/RID: Kemmler-number 33, UN number UN 1206

Hazard label: 3

Limited quantities: 1 L

EQ: E2

Contaminated packaging - Instructions: P001 IBC02 R001

Special provisions for packing together: MP19

Portable tanks - Instructions: T4

Portable tanks - Special provisions: TP1

Tank coding: LGBF

Tunnel restriction code: D/E

#### Sea transport (IMDG)

EmS: F-E, S-D

Special provisions: -

Limited quantities: 1 L

Excepted quantities: E2

Contaminated packaging - Instructions: P001

Contaminated packaging - Provisions: -

IBC - Instructions: IBC02

IBC - Provisions: -

Tank instructions - IMO: -

Tank instructions - UN: T4

Tank instructions - Provisions: TP2

Stowage and handling: Category B.

**Properties and observations:** Colourless volatile liquids. Explosive limits: 1.1%-6,7%. n-HEPTANE: flashpoint -4°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.

Segregation group: none

#### Air transport (IATA)

Hazard label: Flamm. liquid

Excepted Quantity Code: E2

Passenger and Cargo Aircraft: **Ltd.Qty.:** Pack.Instr. Y341 - Max. Net Qty/Pkg. 1 L

Passenger and Cargo Aircraft: Pack.Instr. 353 - Max. Net Qty/Pkg. 5 L

Cargo Aircraft only: Pack.Instr. 364 - Max. Net Qty/Pkg. 60 L

Emergency Response Guide-Code (ERG): 3H

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.



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### SECTION 15: Regulatory information

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

##### National regulations - Great Britain

Hazchem-Code: 3YE

No data available.

##### Labelling of packaging with <= 125mL content



Signal word: Danger

##### Hazard statements:

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

##### Precautionary Statements:

P102 Keep out of reach of children.

P261 Avoid breathing vapours/spray.

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

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

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

##### Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3, 40, 75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: P5c, E1.

#### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

### SECTION 16: Other information

#### Further information

##### Wording of the H-phrases under paragraph 2 and 3:

H225 = Highly flammable liquid and vapour.

H290 = May be corrosive to metals.

H301 = Toxic if swallowed.

H304 = May be fatal if swallowed and enters airways.

H314 = Causes severe skin burns and eye damage.

H315 = Causes skin irritation.

H336 = May cause drowsiness or dizziness.

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.



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### Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
AS/NZS: Australian Standards/New Zealand Standards  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
CNS: Central Nervous System  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
EC50: Effective Concentration 50 %  
EC: European Community  
EN: European Standard  
EU: European Union  
IATA: International Air Transport Association  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
LC50: Median lethal concentration  
LD50: Lethal dose 50 %  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
M-factor: Multiplication factor  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
STOT SE: Specific target organ toxicity - single exposure  
UN: United Nations  
vPvB: Very persistent and very bioaccumulative  
CNS: Central Nervous System

### Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.