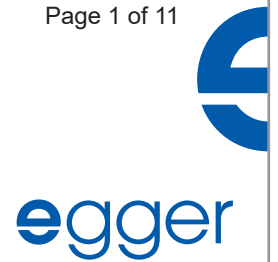


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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

primer/2 for uniglue/2 UFI: X3G0-E05C-R00X-GQCT

**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.eggeronline.com  
E-mail: sales@eggeronline.com

**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:**

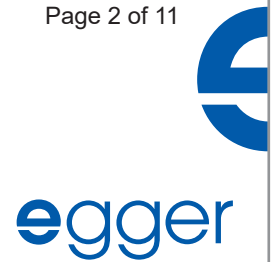
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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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+310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+361+353	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+235	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.

## Endocrine disrupting properties, Results of PBT and vPvB assessment:

The product does not contain any as PBT or vPvB classified substances.

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

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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egger**In case of inhalation:**

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:**

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**

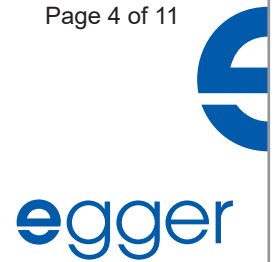
Eliminate all ignition sources if safe to do so. If possible, eliminate leakage. Avoid contact with the substance. Provide adequate ventilation. Avoid breathing vapours/spray. Wear appropriate protective equipment. Take off immediately all contaminated clothing and wash it before reuse. Keep unprotected people away. Cordon off downwind area at risk and warn inhabitants.



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### 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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limit values:

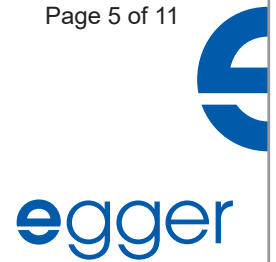
CAS No.	Designation	Type	Limit value
142-82-5	n-Heptane	Europe: IOELV: TWA Ireland: 8 hours	2085 mg/m <sup>3</sup> ; 500 ppm 2085 mg/m <sup>3</sup> ; 500 ppm



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### 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

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	colourless
Odour:	No data available
Odour threshold:	No data available
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	Highly flammable liquid and vapour.
Upper/lower flammability or explosive limits:	No data available
Flash point/flash point range:	$\leq 23$ °C
Decomposition temperature:	No data available
pH:	No data available
Viscosity, kinematic:	No data available
Water solubility:	practically insoluble



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Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Density:	No data available
Vapour density:	No data available
Particle characteristics:	Not applicable

### 9.2. Other information

<b>Explosive properties:</b>	Product is not explosive. Potentially explosive vapour/air mixtures may form.
<b>Oxidizing characteristics:</b>	No data available
<b>Auto-ignition temperature:</b>	not self-igniting
<b>Evaporation rate:</b>	No data available
<b>Additional information:</b>	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.

## SECTION 11: Toxicological information

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

#### 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.

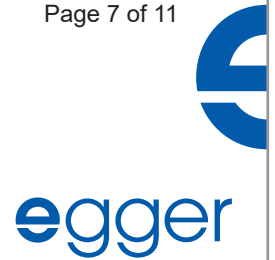
Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Serious eye damage/irritation: Lack of data.

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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.

**11.2 Information on other hazards****Endocrine disrupting properties:** No data available**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 degrease 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

**12.2 Persistence and degradability****Further details:** 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**

The product does not contain any as PBT or vPvB classified substances.

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

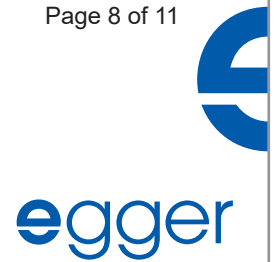
Do not allow to enter into ground-water, surface water or drains.



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### 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.

##### Package

**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



#### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR: II



#### 14.5 Environmental hazards

##### Dangerous for the environment:

Substance/mixture is environmentally hazardous according to the criteria of the UN model regulations.

**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  
**Package - Instructions:** P001 IBC02 R001  
**Special provisions for packing together:** MP19  
**Portable tanks - Instructions:** T4  
**Portable tanks - Special Provisions:** TP1





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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  
Package - Instructions: P001  
Package - 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 Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### National regulations - EC member states

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



Signal word: Danger

#### Hazard statements:

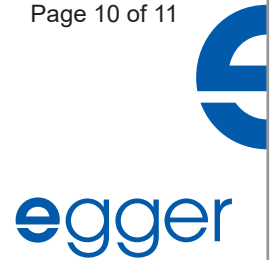
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.



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### 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:

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

Physical hazards: Code P5c, Quantity threshold 5 000 000 kg / 50 000 000 kg

Environmental hazards: Code E1, Quantity threshold 100 000 kg / 200 000 kg

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

### 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.

### Reason of change:

General revision

### Department issuing data sheet:

see section 1: Department responsible for information

### Abbreviations and acronyms:

Acute Tox.: Acute toxicity

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

Aquatic Acute: Hazardous to the aquatic environment - acute

Aquatic Chronic: Hazardous to the aquatic environment - chronic

AS/NZS: Australian Standards/New Zealand Standards

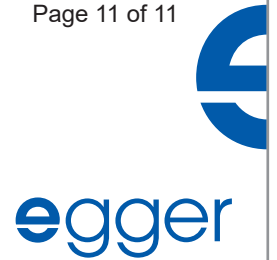
Asp. Tox.: Aspiration toxicity



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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  
EC: European Community  
EC50: Effective Concentration 50 %  
EN: European Standard  
EQ: Excepted quantities  
EU: European Union  
Flam. Liq.: Flammable liquid  
IATA: International Air Transport Association  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
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  
Met. Corr.: Corrosive to metals  
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  
Skin Corr.: Skin corrosion  
Skin Irrit.: Skin irritation  
STOT SE: Specific target organ toxicity - single exposure  
TRGS: Technical Rules for Hazardous Substances  
UN: United Nations  
vPvB: Very persistent and very bioaccumulative

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.