

Trade name: Primer for superglue

Substance number: 2281

Version: 2 / GB

Date revised: 18.01.2024

Replaces Version: 1 / GB

Print date: 18.01.2024

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

### 1.1. Product identifier

Primer for superglue

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

#### Use of the substance/preparation

Primer

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

#### Address/Manufacturer

Dreve Otoplastik GmbH

Max-Planck-Straße 31

59423 Unna

Telephone no.

+49 2303 8807-0

Fax no.

+49 2303 8807-29

Information provided

Department Research &amp; Development: Fax: +49 2303 8807-562

by / telephone

E-mail address of

sicherheitsdatenblatt@dreve.com

person responsible

for this SDS

### 1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

## SECTION 2: Hazards identification \*\*\*

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225

Skin Irrit. 2 H315

STOT SE 3 H336

Asp. Tox. 1 H304

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms





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**Signal word**

Danger

**Hazard statements \*\*\***

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P331	Do NOT induce vomiting.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains \*\*\* Heptanes

**2.3. Other hazards**

No special hazards have to be mentioned.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients \*\*\*****Heptanes**

CAS No.	142-82-5
EINECS no.	205-563-8
Registration no.	01-2119457603-38
Concentration	>= 50 %
Classification (Regulation (EC) No. 1272/2008)	
Flam. Liq. 2	H225
Asp. Tox. 1	H304
Skin Irrit. 2	H315
STOT SE 3	H336
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

**1.8-Diazabicyclo[5.4.0]undec-7-ene**

CAS No.	6674-22-2
EINECS no.	229-713-7
Registration no.	01-2119977097-24
Concentration	>= 0,1 < 1 %
Classification (Regulation (EC) No. 1272/2008)	



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Acute Tox. 3	H301
Skin Corr. 1B	H314
Met. Corr. 1	H290
Aquatic Chronic 3	H412

ATE	oral	215	mg/kg
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

#### After inhalation

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

#### After skin contact

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

#### After ingestion

Call in a physician immediately and show him the Safety Data Sheet. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

#### Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

#### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit surroundings

#### Non suitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters



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**Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

**Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Observe manufacturer's / distributor's instructions.

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

Keep away sources of ignition. Ensure adequate ventilation. Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Pick up rest with suitable absorbent materials. Do not pick up with the help of saw-dust or other combustible substances. Clean contaminated floors and objects thoroughly, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. Dispose of as prescribed.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

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

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols. Avoid impact, friction and electro-static loading; risk of ignition!. Keep container tightly closed.

**Advice on protection against fire and explosion**

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges. Avoid impact and friction. Use only explosion-proof equipment. Keep away from combustible material. Wear shoes with conductive soles.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Hints on storage assembly**

Do not store together with foodstuffs. Do not store with strong oxidizing agents.

**Further information on storage conditions**

Keep under lock and key or accessible only to specialists or people who are authorized. Keep container



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tightly closed and in a well-ventilated place. Keep in a cool place

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### Heptanes

List	IOELV			
Value	2085	mg/m <sup>3</sup>	500	ppm(V)

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### General protective and hygiene measures

Do not smoke during work time. Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Take off immediately all contaminated clothing. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Respiratory protection

Do not inhale vapours; Use suitable respiratory protective device in case of insufficient ventilation

#### Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Hand protection must comply with EN 374.

Appropriate Material nitrile

#### Eye protection

Safety glasses

#### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties \*\*\*

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

<b>Physical state</b>	liquid
<b>Colour</b>	colourless
<b>Odour</b>	petrol-like
<b>Melting point</b>	
Remarks	not determined
<b>Freezing point ***</b>	
Remarks	not determined
<b>Boiling point or initial boiling point and boiling range ***</b>	
Value	98 °C



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**Flammability \*\*\***

evaluation Flammable.

**Upper and lower explosive limits \*\*\***

Remarks not determined

**Flash point**

Value -7 °C

Method closed cup

**Ignition temperature**

Remarks not determined

**Decomposition temperature \*\*\***

Remarks not determined

**pH value \*\*\***

Remarks not determined

**Viscosity**

Value 0,5 to 1,2 mPa.s

Temperature 25 °C

**Solubility(ies)**

Remarks not determined

**Partition coefficient n-octanol/water (log value) \*\*\***

Remarks not determined

**Vapour pressure**

Value 60 hPa

Temperature 20 °C

**Density and/or relative density**

Value 0,690 to 0,725 g/ml

Temperature 15 °C

Method DIN 53217

**Relative vapour density**

Remarks No data available

**9.2. Other information****Odour threshold \*\*\***

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks virtually insoluble

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity**



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**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Irritant gases/vapours

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	>	10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

**Acute oral toxicity (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

Species	rat			
LD50		215	to	681 mg/kg
Method	OECD 401			

**Heptanes**

Species	rat			
LD50	>	5000	mg/kg	
Method	OECD 401			
Remarks	Test conducted with a similar formulation.			

**Acute dermal toxicity**

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

**Acute dermal toxicity (Components)****Heptanes**

Species	rabbit			
LD50	>	2000	mg/kg	
Method	OECD 402			
Remarks	Test conducted with a similar formulation.			

**Acute inhalational toxicity**

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

**Acute inhalative toxicity (Components)****Heptanes**

Species	rat			
LD50	>	29,29	mg/l	
Duration of exposure	4	h		
Administration/Form	Vapors			



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Method OECD 403

**Skin corrosion/irritation**

evaluation

irritant

Remarks

The classification criteria are met.

**Skin corrosion/irritation (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

evaluation

corrosive

**Heptanes**

Species

rabbit

evaluation

irritant

Method

OECD 404

Remarks

Test conducted with a similar formulation.

**Serious eye damage/irritation**

Remarks

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

**Serious eye damage/irritation (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

evaluation

corrosive

**Sensitization**

Remarks

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

**Subacute, subchronic, chronic toxicity**

Remarks

not determined

**Mutagenicity**

Remarks

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

**Reproductive toxicity**

Remarks

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

**Carcinogenicity**

Remarks

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

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks

The classification criteria are met.

evaluation

May cause drowsiness or dizziness.

**Repeated exposure**

Remarks

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

**Specific Target Organ Toxicity (STOT) (Components)****Heptanes****Single exposure**

evaluation

May cause drowsiness or dizziness.

**Aspiration hazard**

The classification criteria are met.

Harmful: may cause lung damage if swallowed.

**Aspiration hazard (Components)****Heptanes**

Harmful: may cause lung damage if swallowed.

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.



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**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

No toxicological data are available.

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

Species	golden orfe ( <i>Leuciscus idus</i> )		
LC50	146,6		mg/l
Duration of exposure	96	h	

**Heptanes**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LL50	> 13,4		mg/l
Duration of exposure	96	h	
Method	OECD 203		
Remarks	Test conducted with a similar formulation.		

**Daphnia toxicity (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

Species	Daphnia magna		
EC50	50		mg/l
Duration of exposure	48	h	

**Heptanes**

Species	Daphnia magna		
EL50	4,6	10	mg/l
Duration of exposure	48	h	
Method	OECD 202		
Remarks	Test conducted with a similar formulation.		

**Heptanes**

Species	Daphnia magna		
NOEC	0,17		mg/l
Duration of exposure	21	d	
Remarks	Test conducted with a similar formulation.		

**Algae toxicity (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

Species	Desmodesmus subspicatus		
EC50	> 100		mg/l
Duration of exposure	72	h	

**Heptanes**

Species	Pseudokirchneriella subcapitata		
EL50	13		mg/l
Duration of exposure	96	h	
Method	OECD 201		
Remarks	Test conducted with a similar formulation.		

**Bacteria toxicity (Components)**



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**1.8-Diazabicyclo[5.4.0]undec-7-ene**

Species	activated sludge		
EC20	650		mg/l
Duration of exposure	30	min	

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability (Components)****1.8-Diazabicyclo[5.4.0]undec-7-ene**

Value	19		%
Duration of test	28	d	
evaluation	Slightly biodegradable		
Method	OECD 302B / ISO 9888 / EEC 88/302 C		

**Heptanes**

Value	100		%
Duration of test	28	d	
evaluation	Readily biodegradable (according to OECD criteria)		
Remarks	Test conducted with a similar formulation.		

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient n-octanol/water (log value) \*\*\***

Remarks not determined

**Octanol/water partition coefficient (log Pow) (Components)****Heptanes**

log Pow 4,5

**1.8-Diazabicyclo[5.4.0]undec-7-ene**

log Pow	-2,2		
Temperature	25	°C	
Method	OECD 107		

**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment****General information**

not determined

**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.  
This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

not determined



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**General information / ecology**

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations for the product**

Must not be disposed together with household garbage.

Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

**SECTION 14: Transport information \*\*\***

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	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
14.1. UN number or ID number	1206	1206	1206
14.2. UN proper shipping name	HEPTANES	HEPTANES	HEPTANES
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Remarks	The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg	The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg.	The product is not subject to any other provisions of IATA provided packaging of not more than 5 l / 5 kg (A197)
Limited Quantity	1 l	1 l	
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant  ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	D/E		

## SECTION 15: Regulatory information

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

#### Other regulations, restrictions and prohibition regulations

Observe employment restrictions for young people.

Observe employment restrictions for child bearing mothers and nursing mothers.

#### Other information

All components are contained in the TSCA inventory or exempted.

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.



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## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225	On basis of test data
Skin Irrit. 2	H315	Calculation method
STOT SE 3	H336	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

### Hazard statements listed in Chapter 2/3

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.

### CLP categories listed in Chapter 2/3

Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.