

Print date: 14.12.2022  
Version: 6

WEBAC 240 Comp. A1  
Revision date: 14.12.2022  
Issue date: 14.12.2022

EN  
Page 1 / 7

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

**1.1. Product identifier**

Trade name/designation WEBAC 240 Comp. A1  
Polyacrylic Gel

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

**Relevant identified uses**

acrylate component for gels  
Restricted to professional users.

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

**supplier (manufacturer/importer/downstream user/distributor)**

WEBAC-Chemie GmbH  
Fahrenberg 22  
22885 Barsbüttel / Hamburg  
GERMANY

Telephone: +49 40 67057-0  
Telefax: +49 40 6703227

**Department responsible for information:**

laboratory

E-mail sdb@webac.de

**1.4. Emergency telephone number**

Giftinformationszentrum-Nord +49 551 19240  
24 hr. emergency phone number

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**

**Hazard statements**

not applicable

**Precautionary statements**

not applicable

**Hazard components for labelling**

not applicable

**Supplemental hazard information**

not applicable

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Description** acrylate component for gels

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No.	REACH No.	weight-%
CAS No.	Designation	
Index No.	classification: // Remark	

not applicable

**Additional information**

Full text of classification: see section 16

#### **SECTION 4: First aid measures**

##### **4.1. Description of first aid measures**

###### **General information**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

###### **In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

###### **Following skin contact**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

###### **After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

###### **Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

No further relevant information available.

#### **SECTION 5: Firefighting measures**

##### **5.1. Extinguishing media**

###### **Suitable extinguishing media**

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

###### **Unsuitable extinguishing media**

strong water jet

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

Inhaling hazardous decomposing products can cause serious health damage.

##### **5.3. Advice for firefighters**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **SECTION 6: Accidental release measures**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate affected area. Do not breathe vapours.

##### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

##### **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).

##### **6.4. Reference to other sections**

Observe protective provisions (see section 7 and 8).

#### **SECTION 7: Handling and storage**

##### **7.1. Precautions for safe handling**

###### **Advices on safe handling**

Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Follow the legal protection and safety regulations.

##### **7.2. Conditions for safe storage, including any incompatibilities**

###### **Requirements for storage rooms and vessels**

Print date: 14.12.2022  
Version: 6

WEBAC 240 Comp. A1  
Revision date: 14.12.2022  
Issue date: 14.12.2022

EN  
Page 3 / 7

Access only for authorised persons. Always keep in containers that correspond to the material of the original container. Store carefully closed containers upright to prevent any leaks. Do not empty containers with pressure - no pressure vessel!

**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.  
Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

8.1. **Control parameters**

**Occupational exposure limit values:**

not applicable

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction.

**Personal protection equipment**

**Respiratory protection**

Suitable respiratory protection apparatus:

Usually no personal respirative protection necessary.

**Hand protection**

For prolonged or repeated handling the following glove material must be used: impermeable material

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Wear closely fitting protective glasses in case of splashes.

**Body protection**

Wear suitable protective clothing.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

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

<b>Physical state:</b>	<b>Liquid</b>
<b>Colour:</b>	<b>refer to label</b>
<b>Odour:</b>	<b>characteristic</b>
<b>Odour threshold:</b>	<b>not determined</b>
<b>Melting point/freezing point:</b>	<b>not determined</b>
<b>Initial boiling point and boiling range:</b>	<b>not determined</b>
<b>Flammability</b>	<b>not applicable</b>
<b>Lower and upper explosion limit:</b>	
<b>Lower explosion limit:</b>	<b>not applicable</b>
<b>Upper explosion limit:</b>	<b>not applicable</b>
<b>Flash point:</b>	<b>not determined</b>
<b>Auto-ignition temperature:</b>	<b>not determined</b>
<b>Decomposition temperature:</b>	<b>not determined</b>

Print date: 14.12.2022  
Version: 6

WEBAC 240 Comp. A1  
Revision date: 14.12.2022  
Issue date: 14.12.2022

EN  
Page 4 / 7

<b>pH at 20 °C:</b>	<b>5 - 8 / 100,0 weight-%</b> Method: DIN EN ISO 10523
<b>Viscosity: at 20 °C:</b>	<b>15-35 mPas</b>
<b>Solubility(ies):</b>	
<b>Water solubility at 20 °C:</b>	<b>mixable with water</b>
<b>Partition coefficient: n-octanol/water:</b>	<b>see section 12</b>
<b>Vapour pressure at 20 °C:</b>	<b>13,9029 mbar</b> Method: calculated
<b>Density and/or relative density:</b>	
<b>Density at 20 °C:</b>	<b>1,20 g/cm<sup>3</sup></b> Method: calculated
<b>Relative vapour density:</b>	<b>not applicable</b>
<b>particle characteristics:</b>	<b>not applicable</b>
9.2. <b>Other information</b>	
<b>solvent content:</b>	
<b>Organic solvents:</b>	<b>0 weight-%</b>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

### 10.3. Possibility of hazardous reactions

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

### 10.4. Conditions to avoid

Protect from frost. Protect from heat and direct sunlight.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

#### Acute toxicity

WEBAC 240 Comp. A1 Polyacrylic Gel  
oral, LD50, Rat: > 2000 mg/kg  
Method: OECD 423  
dermal, LD50, Rat: > 2000 mg/kg  
Method: OECD 402

#### Skin corrosion/irritation; Serious eye damage/eye 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.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

#### STOT-single exposure; 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.

**Practical experience/human evidence**

**Overall assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

No information available.

**SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]  
Do not allow to enter into surface water or drains.

**12.1. Toxicity**

WEBAC 240 Comp. A1 Polyacrylic Gel

Fish toxicity, LC50, Danio rerio (zebrafish): > 100 mg/L (96 h)

Method: OECD 203

Daphnia toxicity, EC50, Daphnia magna (Big water flea): > 100 mg/L (48 h)

Method: OECD 202

Algae toxicity, ErC50, Pseudokirchneriella subcapitata: > 1 mg/L (72 h)

Method: OECD 201

Bacteria toxicity, EC50, Activated sludge: > 5640 mg/L (3 h)

Method: OECD 209

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

WEBAC 240 Comp. A1 Polyacrylic Gel

Biodegradation: 99 %

Method: OECD 301A (DOC Die Away Test)

slightly diminishable

**12.3. Bioaccumulative potential**

Toxicological data are not available.

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product Recommendation**

Do not dispose of with household waste. Do not allow to enter drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**List of proposed waste codes/waste designations in accordance with EWC**

080410 waste adhesives and sealants other than those mentioned in  
080409

**Appropriate disposal / Package Recommendation**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

#### SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

- 14.1. **UN number or ID number**  
not applicable
- 14.2. **UN proper shipping name**
- 14.3. **Transport hazard class(es)**  
not applicable
- 14.4. **Packing group**  
not applicable
- 14.5. **Environmental hazards**  
Land transport (ADR/RID) not applicable  
Marine pollutant not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further information**

**Land transport (ADR/RID)**

Tunnel restriction code -

**Sea transport (IMDG)**

EmS-No. not applicable

14.7. **Maritime transport in bulk according to IMO instruments**

No transport as bulk according IBC - Code.

#### SECTION 15: Regulatory information

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

**EU legislation**

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC-value (in g/L): 0,000

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

15.2. **Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

#### SECTION 16: Other information

**Abbreviations and acronyms**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2020/878

**WEBAC®**

Print date: 14.12.2022  
Version: 6

WEBAC 240 Comp. A1  
Revision date: 14.12.2022  
Issue date: 14.12.2022

EN  
Page 7 / 7

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EN	European Standard
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
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, 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
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.