

**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier:** SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY**Other means of identification:****UFI:** NSK5-C0XV-W00M-P90J**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Relevant uses: The product is intended for professional use, used for repairing car bodies and polyester laminates.. For professional users/industrial user only.

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**BOLL Wojciech Dalewski Spółka Jawna  
ul. Chemiczna 3  
65-713 Zielona Góra - Polska  
Phone: 68 451 99 99 - Fax: 68 451 99 00  
huszcza@boll.pl  
<https://www.boll.pl>**1.4 Emergency telephone number:****SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture:****CLP Regulation (EC) No 1272/2008:**

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Irrit. 2: Eye irritation, Category 2, H319

Flam. Liq. 3: Flammable liquids, Category 3, H226

Repr. 2: Reproductive toxicity, Category 2, H361d

Skin Irrit. 2: Skin irritation, Category 2, H315

Skin Sens. 1: Sensitisation, skin, Category 1, H317

STOT RE 1: Specific target organ toxicity — Repeated exposure, Hazard Category 1 (Inhalation), H372

STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

**2.2 Label elements:****CLP Regulation (EC) No 1272/2008:****Danger****Hazard statements:**

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Repr. 2: H361d - Suspected of damaging the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation).

STOT SE 3: H335 - May cause respiratory irritation.

**Precautionary statements:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/respiratory protection/eye protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P314: Get medical advice/attention if you feel unwell.

P403+P235: Store in a well-ventilated place. Keep cool.

**Substances that contribute to the classification**

styrene; reaction product: bisphenol-A-(epichlorhydrin) ( MW &lt; 700 ); 2,2'-(m-tolyimino)diethanol; maleic anhydride

**UFI:** NSK5-C0XV-W00M-P90J**2.3 Other hazards:**

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#### SECTION 2: HAZARDS IDENTIFICATION (continued)

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

Vapors may form a flammable mixture with air. The mixture does not contain any substance(s) included in the list established in accordance with Article 59 section 1 of the REACH Regulation due to endocrine disrupting properties or is not identified as an endocrine disruptor in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or in Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0, 1% by weight

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1 Substance:

Non-applicable

##### 3.2 Mixture:

**Chemical description:** a mixture of organic and auxiliary substances

##### Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification   | Chemical name/Classification  | Concentration     |
|--|---|-------------------|
| CAS: 100-42-5<br>EC: 202-851-5<br>Index: 601-026-00-0<br>REACH: 01-2119457861-32-XXXX      | <b>styrene<sup>(1)</sup></b> Self-classified  | <b>&lt;24 %</b>   |
|  | Regulation 1272/2008 Acute Tox. 4: H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 1: H372; STOT SE 3: H335 - Danger |                   |
| CAS: 25068-38-6<br>EC: 500-033-5<br>Index: 603-074-00-8<br>REACH: Non-applicable           | <b>reaction product: bisphenol-A-(epichlorhydrin) ( MW &lt; 700 )<sup>(1)</sup></b> ATP CLP00   | <b>&lt;0,7 %</b>  |
|  | Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning   |                   |
| CAS: 108-65-6<br>EC: 203-603-9<br>Index: 607-195-00-7<br>REACH: 01-2119475791-29-XXXX      | <b>2-methoxy-1-methylethyl acetate<sup>(2)</sup></b> ATP ATP01  | <b>&lt;0,3 %</b>  |
|  | Regulation 1272/2008 Flam. Liq. 3: H226 - Warning   |                   |
| CAS: 2687-91-4<br>EC: 220-250-6<br>Index: 616-208-00-5<br>REACH: 01-2119472138-36-XXXX     | <b>N-ethyl-2-pyrrolidone<sup>(1)</sup></b> Self-classified  | <b>&lt;0,2 %</b>  |
|  | Regulation 1272/2008 Eye Dam. 1: H318; Repr. 1B: H360Df - Danger  |                   |
| CAS: 91-99-6<br>EC: 202-114-8<br>Index: Non-applicable<br>REACH: 01-2120791683-42-XXXX     | <b>2,2'-(m-tolylimino)diethanol<sup>(1)</sup></b> Self-classified   | <b>&lt;0,2 %</b>  |
|  | Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1B: H317; STOT RE 2: H373 - Danger   |                   |
| CAS: 1330-20-7<br>EC: 215-535-7<br>Index: 601-022-00-9<br>REACH: 01-2119488216-32-XXXX     | <b>Xylene<sup>(2)</sup></b> Self-classified   | <b>&lt;0,2 %</b>  |
|  | Regulation 1272/2008 Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger            |                   |
| CAS: 128601-23-0<br>EC: 918-668-5<br>Index: Non-applicable<br>REACH: 01-2119455851-35-XXXX | <b>Hydrocarbons, C9, aromatics<sup>(3)</sup></b> Self-classified  | <b>&lt;0,2 %</b>  |
|  | Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; STOT SE 3: H336; EUH066 - Danger  |                   |
| CAS: 100-41-4<br>EC: 202-849-4<br>Index: 601-023-00-4<br>REACH: 01-2119489370-35-XXXX      | <b>Ethylbenzene<sup>(2)</sup></b> Self-classified   | <b>&lt;0,06 %</b> |
|  | Regulation 1272/2008 Acute Tox. 4: H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger   |                   |
| CAS: 123-86-4<br>EC: 204-658-1<br>Index: 607-025-00-1<br>REACH: 01-2119485493-29-XXXX      | <b>N-butyl acetate<sup>(2)</sup></b> ATP CLP00  | <b>&lt;0,05 %</b> |
|  | Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning  |                   |
| CAS: 108-31-6<br>EC: 203-571-6<br>Index: 607-096-00-9<br>REACH: 01-2119472428-31-XXXX      | <b>maleic anhydride<sup>(1)</sup></b> ATP ATP13   | <b>&lt;0,02 %</b> |
|  | Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Resp. Sens. 1: H334; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT RE 1: H372; EUH071 - Danger  |                   |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

<sup>(3)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

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To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification  | Specific concentration limit  |
|---|---|
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | % (w/w) >=5: Skin Irrit. 2 - H315<br>% (w/w) >=5: Eye Irrit. 2 - H319 |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6  | % (w/w) >=0,001: Skin Sens. 1A - H317                                 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification                                     | Acute toxicity |              | Genus |
|--|----------------|--------------|-------|
|  | LD50 oral      | LD50 dermal  |       |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7          | Not relevant   | 1100 mg/kg   | Rat   |
|  | Not relevant   | Not relevant |       |
|  | 1090 mg/kg     | Not relevant | Rat   |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | Not relevant   | Not relevant |       |
|  | Not relevant   | Not relevant |       |
|  | Not relevant   | Not relevant |       |

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media:****Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

**Unsuitable extinguishing media:**

Water jet

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 5: FIREFIGHTING MEASURES (continued)****5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

It is recommended to avoid environmental spillage of both the product and its container.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:****A.- General precautions for safe use**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

**B.- Technical recommendations for the prevention of fires and explosions**

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

**C.- Technical recommendations on general occupational hygiene**

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#### SECTION 7: HANDLING AND STORAGE (continued)

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

#### 7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 10 °C  
 Maximum Temp.: 20 °C  
 Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

#### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification  | Occupational exposure limits |         |                       |
|---|------------------------------|---------|-----------------------|
| 2-methoxy-1-methylethyl acetate <sup>(1)</sup><br>CAS: 108-65-6 EC: 203-603-9 | IOELV (8h)                   | 50 ppm  | 275 mg/m <sup>3</sup> |
|   | IOELV (STEL)                 | 100 ppm | 550 mg/m <sup>3</sup> |
| Xylene <sup>(1)</sup><br>CAS: 1330-20-7 EC: 215-535-7                         | IOELV (8h)                   | 50 ppm  | 221 mg/m <sup>3</sup> |
|   | IOELV (STEL)                 | 100 ppm | 442 mg/m <sup>3</sup> |
| Ethylbenzene <sup>(1)</sup><br>CAS: 100-41-4 EC: 202-849-4                    | IOELV (8h)                   | 100 ppm | 442 mg/m <sup>3</sup> |
|   | IOELV (STEL)                 | 200 ppm | 884 mg/m <sup>3</sup> |
| N-butyl acetate<br>CAS: 123-86-4 EC: 204-658-1                                | IOELV (8h)                   | 50 ppm  | 241 mg/m <sup>3</sup> |
|   | IOELV (STEL)                 | 150 ppm | 723 mg/m <sup>3</sup> |

<sup>(1)</sup> Likely absorption through the skin

##### DNEL (Workers):

| Identification  |            | Short exposure        |                        | Long exposure           |                         |
|---|------------|-----------------------|------------------------|-------------------------|-------------------------|
|   |            | Systemic              | Local                  | Systemic                | Local                   |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | Oral       | Not relevant          | Not relevant           | Not relevant            | Not relevant            |
|   | Dermal     | Not relevant          | Not relevant           | 406 mg/kg               | Not relevant            |
|   | Inhalation | 289 mg/m <sup>3</sup> | 306 mg/m <sup>3</sup>  | 85 mg/m <sup>3</sup>    | Not relevant            |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | Oral       | Not relevant          | Not relevant           | Not relevant            | Not relevant            |
|   | Dermal     | Not relevant          | Not relevant           | 0,75 mg/kg              | Not relevant            |
|   | Inhalation | Not relevant          | Not relevant           | 4,93 mg/m <sup>3</sup>  | Not relevant            |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | Oral       | Not relevant          | Not relevant           | Not relevant            | Not relevant            |
|   | Dermal     | Not relevant          | Not relevant           | 796 mg/kg               | Not relevant            |
|   | Inhalation | Not relevant          | 550 mg/m <sup>3</sup>  | 275 mg/m <sup>3</sup>   | Not relevant            |
| N-ethyl-2-pyrrolidone<br>CAS: 2687-91-4<br>EC: 220-250-6  | Oral       | Not relevant          | Not relevant           | Not relevant            | Not relevant            |
|   | Dermal     | Not relevant          | Not relevant           | 4 mg/kg                 | Not relevant            |
|   | Inhalation | Not relevant          | 20,1 mg/m <sup>3</sup> | 16,75 mg/m <sup>3</sup> | 10,05 mg/m <sup>3</sup> |

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification   |            | Short exposure        |                       | Long exposure           |                         |
|--|------------|-----------------------|-----------------------|-------------------------|-------------------------|
|  |            | Systemic              | Local                 | Systemic                | Local                   |
| 2,2'-(m-tolylimino)diethanol<br>CAS: 91-99-6<br>EC: 202-114-8    | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | Not relevant          | Not relevant          | 0,23 mg/kg              | Not relevant            |
|  | Inhalation | 0,8 mg/m <sup>3</sup> | Not relevant          | 0,8 mg/m <sup>3</sup>   | Not relevant            |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                        | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | Not relevant          | Not relevant          | 212 mg/kg               | Not relevant            |
|  | Inhalation | 442 mg/m <sup>3</sup> | 442 mg/m <sup>3</sup> | 221 mg/m <sup>3</sup>   | 221 mg/m <sup>3</sup>   |
| Hydrocarbons, C9, aromatics<br>CAS: 128601-23-0<br>EC: 918-668-5 | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | Not relevant          | Not relevant          | 25 mg/kg                | Not relevant            |
|  | Inhalation | Not relevant          | Not relevant          | 150 mg/m <sup>3</sup>   | Not relevant            |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                   | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | Not relevant          | Not relevant          | 180 mg/kg               | Not relevant            |
|  | Inhalation | Not relevant          | 293 mg/m <sup>3</sup> | 77 mg/m <sup>3</sup>    | Not relevant            |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1                | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | 11 mg/kg              | Not relevant          | 11 mg/kg                | Not relevant            |
|  | Inhalation | 600 mg/m <sup>3</sup> | 600 mg/m <sup>3</sup> | 300 mg/m <sup>3</sup>   | 300 mg/m <sup>3</sup>   |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6               | Oral       | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Dermal     | Not relevant          | Not relevant          | Not relevant            | Not relevant            |
|  | Inhalation | 0,2 mg/m <sup>3</sup> | 0,2 mg/m <sup>3</sup> | 0,081 mg/m <sup>3</sup> | 0,081 mg/m <sup>3</sup> |

**DNEL (General population):**

| Identification  |            | Short exposure           |                          | Long exposure          |                        |
|---|------------|--------------------------|--------------------------|------------------------|------------------------|
|   |            | Systemic                 | Local                    | Systemic               | Local                  |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | Oral       | Not relevant             | Not relevant             | 2,1 mg/kg              | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 343 mg/kg              | Not relevant           |
|   | Inhalation | 174,25 mg/m <sup>3</sup> | 182,75 mg/m <sup>3</sup> | 10,2 mg/m <sup>3</sup> | Not relevant           |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | Oral       | Not relevant             | Not relevant             | 0,5 mg/kg              | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 0,0893 mg/kg           | Not relevant           |
|   | Inhalation | Not relevant             | Not relevant             | 0,87 mg/m <sup>3</sup> | Not relevant           |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | Oral       | Not relevant             | Not relevant             | 36 mg/kg               | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 320 mg/kg              | Not relevant           |
|   | Inhalation | Not relevant             | Not relevant             | 33 mg/m <sup>3</sup>   | 33 mg/m <sup>3</sup>   |
| N-ethyl-2-pyrrolidone<br>CAS: 2687-91-4<br>EC: 220-250-6  | Oral       | Not relevant             | Not relevant             | 0,5 mg/kg              | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 0,5 mg/kg              | Not relevant           |
|   | Inhalation | Not relevant             | 1,2 mg/m <sup>3</sup>    | 1 mg/m <sup>3</sup>    | 1,2 mg/m <sup>3</sup>  |
| 2,2'-(m-tolylimino)diethanol<br>CAS: 91-99-6<br>EC: 202-114-8                                   | Oral       | 0,14 mg/kg               | Not relevant             | 0,14 mg/kg             | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 0,07 mg/kg             | Not relevant           |
|   | Inhalation | 0,24 mg/m <sup>3</sup>   | Not relevant             | 0,24 mg/m <sup>3</sup> | Not relevant           |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | Oral       | Not relevant             | Not relevant             | 12,5 mg/kg             | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 125 mg/kg              | Not relevant           |
|   | Inhalation | 260 mg/m <sup>3</sup>    | 260 mg/m <sup>3</sup>    | 65,3 mg/m <sup>3</sup> | 65,3 mg/m <sup>3</sup> |
| Hydrocarbons, C9, aromatics<br>CAS: 128601-23-0<br>EC: 918-668-5                                | Oral       | Not relevant             | Not relevant             | 11 mg/kg               | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | 11 mg/kg               | Not relevant           |
|   | Inhalation | Not relevant             | Not relevant             | 32 mg/m <sup>3</sup>   | Not relevant           |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | Oral       | Not relevant             | Not relevant             | 1,6 mg/kg              | Not relevant           |
|   | Dermal     | Not relevant             | Not relevant             | Not relevant           | Not relevant           |
|   | Inhalation | Not relevant             | Not relevant             | 15 mg/m <sup>3</sup>   | Not relevant           |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1   | Oral       | 2 mg/kg                  | Not relevant             | 2 mg/kg                | Not relevant           |
|   | Dermal     | 6 mg/kg                  | Not relevant             | 6 mg/kg                | Not relevant           |
|   | Inhalation | 300 mg/m <sup>3</sup>    | 300 mg/m <sup>3</sup>    | 35,7 mg/m <sup>3</sup> | 35,7 mg/m <sup>3</sup> |

**PNEC:**

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification  |              |              |                         |             |
|---|--------------|--------------|-------------------------|-------------|
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | STP          | 5 mg/L       | Fresh water             | 0,028 mg/L  |
|   | Soil         | 0,2 mg/kg    | Marine water            | 0,014 mg/L  |
|   | Intermittent | 0,04 mg/L    | Sediment (Fresh water)  | 0,614 mg/kg |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,307 mg/kg |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | STP          | 10 mg/L      | Fresh water             | 0,006 mg/L  |
|   | Soil         | 0,065 mg/kg  | Marine water            | 0,001 mg/L  |
|   | Intermittent | 0,018 mg/L   | Sediment (Fresh water)  | 0,341 mg/kg |
|   | Oral         | 0,011 g/kg   | Sediment (Marine water) | 0,034 mg/kg |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | STP          | 100 mg/L     | Fresh water             | 0,635 mg/L  |
|   | Soil         | 0,29 mg/kg   | Marine water            | 0,064 mg/L  |
|   | Intermittent | 6,35 mg/L    | Sediment (Fresh water)  | 3,29 mg/kg  |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,329 mg/kg |
| N-ethyl-2-pyrrolidone<br>CAS: 2687-91-4<br>EC: 220-250-6  | STP          | 10 mg/L      | Fresh water             | 0,25 mg/L   |
|   | Soil         | 0,104 mg/kg  | Marine water            | 0,025 mg/L  |
|   | Intermittent | 1 mg/L       | Sediment (Fresh water)  | 1,25 mg/kg  |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,125 mg/kg |
| 2,2'-(m-tolylimino)diethanol<br>CAS: 91-99-6<br>EC: 202-114-8                                   | STP          | 81,7 mg/L    | Fresh water             | 0,107 mg/L  |
|   | Soil         | 0,37 mg/kg   | Marine water            | 0,011 mg/L  |
|   | Intermittent | 1,07 mg/L    | Sediment (Fresh water)  | 2,16 mg/kg  |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,22 mg/kg  |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | STP          | 6,58 mg/L    | Fresh water             | 0,327 mg/L  |
|   | Soil         | 2,31 mg/kg   | Marine water            | 0,327 mg/L  |
|   | Intermittent | 0,327 mg/L   | Sediment (Fresh water)  | 12,46 mg/kg |
|   | Oral         | Not relevant | Sediment (Marine water) | 12,46 mg/kg |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | STP          | 9,6 mg/L     | Fresh water             | 0,1 mg/L    |
|   | Soil         | 2,68 mg/kg   | Marine water            | 0,01 mg/L   |
|   | Intermittent | 0,1 mg/L     | Sediment (Fresh water)  | 13,7 mg/kg  |
|   | Oral         | 0,02 g/kg    | Sediment (Marine water) | 1,37 mg/kg  |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1   | STP          | 35,6 mg/L    | Fresh water             | 0,18 mg/L   |
|   | Soil         | 0,09 mg/kg   | Marine water            | 0,018 mg/L  |
|   | Intermittent | 0,36 mg/L    | Sediment (Fresh water)  | 0,981 mg/kg |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,098 mg/kg |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6  | STP          | 44,6 mg/L    | Fresh water             | 0,038 mg/L  |
|   | Soil         | 0,037 mg/kg  | Marine water            | 0,004 mg/L  |
|   | Intermittent | 0,379 mg/L   | Sediment (Fresh water)  | 0,296 mg/kg |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,03 mg/kg  |



**8.2 Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



| Pictogram   | PPE                               | Labelling  | CEN Standard        | Remarks  |
|---|-----------------------------------|--|---------------------|--|
| <br>Mandatory respiratory tract protection | Filter mask for gases and vapours | <br>CAT III | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY**



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

C.- Specific protection for the hands



| Pictogram  | PPE                        | Labelling   | CEN Standard      | Remarks  |
|--|----------------------------|---|-------------------|--|
| <br>Mandatory hand protection | Chemical protective gloves |  | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- Eye and face protection

| Pictogram  | PPE   | Labelling   | CEN Standard                    | Remarks   |
|--|---|---|---------------------------------|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram   | PPE   | Labelling  | CEN Standard  | Remarks   |
|---|---|--|---|---|
| <br>Mandatory complete body protection | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties |  | EN 1149-1,2,3<br>EN 13034:2005+A1:2009<br>EN ISO 13982-1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN ISO 13688:2013<br>EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |

F.- Additional emergency measures

| Emergency measure   | Standards                                       | Emergency measure  | Standards                                      |
|---|---|--|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

For complete information see the product datasheet.

**Appearance:**

Physical state at 20 °C: Liquid  
 Appearance: Thixotropic  
 Colour:  Blue  
 Odour: Sweet  
 Odour threshold: Not available \*

**Volatility:**

Boiling point at atmospheric pressure: 145 °C  
 Vapour pressure at 25 °C: 667 Pa  
 Vapour pressure at 50 °C: Not available \*  
 Evaporation rate at 25 °C: Not available \*

**Product description:**

\*Not available due to the nature of the product, not providing information property of its hazards.

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

|  |                          |
|--|--------------------------|
| Density at 25 °C:                            | 1300 kg/m <sup>3</sup>   |
| Relative density at 25 °C:                   | 1,3                      |
| Dynamic viscosity at 25 °C:                  | 150000 - 300000 cP       |
| Kinematic viscosity at 25 °C:                | Not available *          |
| Kinematic viscosity at 40 °C:                | >20,5 mm <sup>2</sup> /s |
| Concentration:                               | Not available *          |
| pH:  | Not available *          |
| Vapour density at 25 °C:                     | Not available *          |
| Partition coefficient n-octanol/water 25 °C: | Not available *          |
| Solubility in water at 25 °C:                | Not available *          |
| Solubility properties:                       | Not available *          |
| Decomposition temperature:                   | Not available *          |
| Melting point/freezing point:                | Not available *          |

**Flammability:**

|                            |                 |
|----------------------------|-----------------|
| Flash Point:               | 31 °C           |
| Flammability (solid, gas): | Not available * |
| Autoignition temperature:  | 490 °C          |
| Lower flammability limit:  | 0,9 % Volume    |
| Upper flammability limit:  | 6,1 % Volume    |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

**9.2 Other information:****Information with regard to physical hazard classes:**

|  |                 |
|--|-----------------|
| Explosive properties:  | Not available * |
| Oxidising properties:  | Not available * |
| Corrosive to metals:   | Not available * |
| Heat of combustion:  | Not available * |
| Aerosols-total percentage (by mass) of flammable components: | Not available * |

**Other safety characteristics:**

|                           |                 |
|---------------------------|-----------------|
| Surface tension at 25 °C: | Not available * |
| Refraction index:         | Not available * |
| VOC value (VOC) <250 g/l. |                 |
| VOC limit value: 250 g/l  |                 |

\*Not available due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 10: STABILITY AND REACTIVITY (continued)**

| Shock and friction | Contact with air | Increase in temperature | Sunlight            | Humidity       |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable     | Not applicable   | Risk of combustion      | Avoid direct impact | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

**10.6 Hazardous decomposition products:**

Contains substances highly reactive and can auto-polymerize as a result of internal peroxide accumulation. The peroxides formed in these reactions are extremely shock- and heat-sensitive.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

**A- Ingestion (acute effect):**

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

**B- Inhalation (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: styrene (2A); Xylene (3); Hydrocarbons, C9, aromatics (3); Ethylbenzene (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Suspected of damaging the unborn child.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

**F- Specific target organ toxicity (STOT) - single exposure:**

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Serious health effects in the case of prolonged inhalation, including death, serious functional disorders or morphological changes of toxicological importance.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

Not relevant

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity  |                 | Genus  |
|---|-----------------|-----------------|--------|
|   | Route           | Dose            |        |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | LD50 oral       | >2000 mg/kg     |        |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | 11,8 mg/L (4 h) | Rat    |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | LD50 oral       | >2000 mg/kg     |        |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | >5 mg/L         |        |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | LD50 oral       | 8532 mg/kg      | Rat    |
|   | LD50 dermal     | 5100 mg/kg      | Rat    |
|   | LC50 inhalation | 30 mg/L (4 h)   | Rat    |
| N-ethyl-2-pyrrolidone<br>CAS: 2687-91-4<br>EC: 220-250-6  | LD50 oral       | 3200 mg/kg      | Rat    |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | >20 mg/L        |        |
| 2,2'-(m-tolylimino)diethanol<br>CAS: 91-99-6<br>EC: 202-114-8                                   | LD50 oral       | >2000 mg/kg     |        |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | >20 mg/L        |        |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | LD50 oral       | 2100 mg/kg      | Rat    |
|   | LD50 dermal     | 1100 mg/kg      | Rat    |
|   | LC50 inhalation | >20 mg/L        |        |
| Hydrocarbons, C9, aromatics<br>CAS: 128601-23-0<br>EC: 918-668-5                                | LD50 oral       | >2000 mg/kg     |        |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | >20 mg/L        |        |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | LD50 oral       | 3500 mg/kg      | Rat    |
|   | LD50 dermal     | 15354 mg/kg     | Rabbit |
|   | LC50 inhalation | 17,2 mg/L (4 h) | Rat    |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1   | LD50 oral       | 12789 mg/kg     | Rat    |
|   | LD50 dermal     | 14112 mg/kg     | Rabbit |
|   | LC50 inhalation | 23,4 mg/L (4 h) | Rat    |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6  | LD50 oral       | 1090 mg/kg      | Rat    |
|   | LD50 dermal     | >2000 mg/kg     |        |
|   | LC50 inhalation | >5 mg/L         |        |

**11.2 Information on other hazards:****Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:****Acute toxicity:**

| Identification                            | Concentration |                  | Species                | Genus      |
|---|---------------|------------------|------------------------|------------|
|   | Route         | Dose             |                        |            |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5 | LC50          | 64,7 mg/L (96 h) | Carassius auratus      | Fish       |
|   | EC50          | 4,7 mg/L (48 h)  | Daphnia magna          | Crustacean |
|   | EC50          | 67 mg/L (192 h)  | Microcystis aeruginosa | Algae      |

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification  | Concentration |                       | Species                 | Genus      |
|---|---------------|-----------------------|-------------------------|------------|
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | LC50          | >1 - 10 mg/L (96 h)   |                         | Fish       |
|   | EC50          | >1 - 10 mg/L (48 h)   |                         | Crustacean |
|   | EC50          | >1 - 10 mg/L (72 h)   |                         | Algae      |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | LC50          | 161 mg/L (96 h)       | Pimephales promelas     | Fish       |
|   | EC50          | 481 mg/L (48 h)       | Daphnia sp.             | Crustacean |
|   | EC50          | Not relevant          |                         |            |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | LC50          | >10 - 100 mg/L (96 h) |                         | Fish       |
|   | EC50          | >10 - 100 mg/L (48 h) |                         | Crustacean |
|   | EC50          | >10 - 100 mg/L (72 h) |                         | Algae      |
| Hydrocarbons, C9, aromatics<br>CAS: 128601-23-0<br>EC: 918-668-5                                | LC50          | >1 - 10 mg/L (96 h)   |                         | Fish       |
|   | EC50          | >1 - 10 mg/L (48 h)   |                         | Crustacean |
|   | EC50          | >1 - 10 mg/L (72 h)   |                         | Algae      |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | LC50          | 42,3 mg/L (96 h)      | Pimephales promelas     | Fish       |
|   | EC50          | 75 mg/L (48 h)        | Daphnia magna           | Crustacean |
|   | EC50          | 63 mg/L (3 h)         | Chlorella vulgaris      | Algae      |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1   | LC50          | Not relevant          |                         |            |
|   | EC50          | Not relevant          |                         |            |
|   | EC50          | 675 mg/L (72 h)       | Scenedesmus subspicatus | Algae      |

**Chronic toxicity:**

| Identification   | Concentration |              | Species             | Genus      |
|--|---------------|--------------|---------------------|------------|
| styrene<br>CAS: 100-42-5 EC: 202-851-5   | NOEC          | Not relevant |                     |            |
|  | NOEC          | 1,01 mg/L    | Daphnia magna       | Crustacean |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6 EC: 500-033-5 | NOEC          | Not relevant |                     |            |
|  | NOEC          | 0,3 mg/L     | Daphnia magna       | Crustacean |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6 EC: 203-603-9                               | NOEC          | 47,5 mg/L    | Oryzias latipes     | Fish       |
|  | NOEC          | 100 mg/L     | Daphnia magna       | Crustacean |
| Xylene<br>CAS: 1330-20-7 EC: 215-535-7   | NOEC          | 1,3 mg/L     | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 1,17 mg/L    | Ceriodaphnia dubia  | Crustacean |
| Ethylbenzene<br>CAS: 100-41-4 EC: 202-849-4  | NOEC          | Not relevant |                     |            |
|  | NOEC          | 0,96 mg/L    | Ceriodaphnia dubia  | Crustacean |
| N-butyl acetate<br>CAS: 123-86-4 EC: 204-658-1   | NOEC          | Not relevant |                     |            |
|  | NOEC          | 23,2 mg/L    | Daphnia magna       | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification  | Degradability |              | Biodegradability |              |
|---|---------------|--------------|------------------|--------------|
|   |               |              |                  |              |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | BOD5          | 1,96 g O2/g  | Concentration    | 100 mg/L     |
|   | COD           | 2,8 g O2/g   | Period           | 14 days      |
|   | BOD5/COD      | 0,7          | % Biodegradable  | 100 %        |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | BOD5          | Not relevant | Concentration    | 100 mg/L     |
|   | COD           | Not relevant | Period           | 28 days      |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 0 %          |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | BOD5          | Not relevant | Concentration    | 785 mg/L     |
|   | COD           | Not relevant | Period           | 8 days       |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 100 %        |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | BOD5          | Not relevant | Concentration    | Not relevant |
|   | COD           | Not relevant | Period           | 28 days      |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 88 %         |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | BOD5          | Not relevant | Concentration    | 100 mg/L     |
|   | COD           | Not relevant | Period           | 14 days      |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 90 %         |

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification                                     | Degradability |              | Biodegradability |              |
|--|---------------|--------------|------------------|--------------|
|  | Parameter     | Value        | Parameter        | Value        |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1  | BOD5          | Not relevant | Concentration    | Not relevant |
|  | COD           | Not relevant | Period           | 5 days       |
|  | BOD5/COD      | Not relevant | % Biodegradable  | 84 %         |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | BOD5          | Not relevant | Concentration    | 33.33 mg/L   |
|  | COD           | Not relevant | Period           | 29 days      |
|  | BOD5/COD      | Not relevant | % Biodegradable  | 98,19 %      |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

| Identification  | Bioaccumulation potential |       |
|---|---------------------------|-------|
|   | Parameter                 | Value |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5   | BCF                       | 14    |
|   | Pow Log                   | 2.95  |
|   | Potential                 | Low   |
| reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )<br>CAS: 25068-38-6<br>EC: 500-033-5 | BCF                       | 4     |
|   | Pow Log                   | 2.8   |
|   | Potential                 | Low   |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                               | BCF                       | 1     |
|   | Pow Log                   | 0.43  |
|   | Potential                 | Low   |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7   | BCF                       | 9     |
|   | Pow Log                   | 2.77  |
|   | Potential                 | Low   |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4  | BCF                       | 1     |
|   | Pow Log                   | 3.15  |
|   | Potential                 | Low   |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1   | BCF                       | 4     |
|   | Pow Log                   | 1.78  |
|   | Potential                 | Low   |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6  | BCF                       |       |
|   | Pow Log                   | -2.61 |
|   | Potential                 |       |

**12.4 Mobility in soil:**

| Identification                                     | Absorption/desorption |                          | Volatility |                               |
|--|-----------------------|--------------------------|------------|-------------------------------|
|  | Parameter             | Value                    | Parameter  | Value                         |
| styrene<br>CAS: 100-42-5<br>EC: 202-851-5          | Koc                   | Not relevant             | Henry      | Not relevant                  |
|  | Conclusion            | Not relevant             | Dry soil   | Not relevant                  |
|  | Surface tension       | 3,21E-2 N/m (25 °C)      | Moist soil | Not relevant                  |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7          | Koc                   | 202                      | Henry      | 524,86 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Moderate                 | Dry soil   | Yes                           |
|  | Surface tension       | Not relevant             | Moist soil | Yes                           |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4     | Koc                   | 520                      | Henry      | 798,44 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Moderate                 | Dry soil   | Yes                           |
|  | Surface tension       | 2,859E-2 N/m (25 °C)     | Moist soil | Yes                           |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1  | Koc                   | Not relevant             | Henry      | Not relevant                  |
|  | Conclusion            | Not relevant             | Dry soil   | Not relevant                  |
|  | Surface tension       | 2,478E-2 N/m (25 °C)     | Moist soil | Not relevant                  |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | Koc                   | 42                       | Henry      | 0E+0 Pa·m <sup>3</sup> /mol   |
|  | Conclusion            | Very High                | Dry soil   | Not relevant                  |
|  | Surface tension       | 1,673E-2 N/m (250,21 °C) | Moist soil | Not relevant                  |

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

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 12: ECOLOGICAL INFORMATION (continued)**

Endocrine-disrupting properties: The product does not meet the criteria.

**12.7 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods:**

| Code      | Description  | Waste class (Regulation (EU) No 1357/2014) |
|-----------|--|--|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances | Hazardous                                  |

**Type of waste (Regulation (EU) No 1357/2014):**

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP10 Toxic for reproduction, HP4 Irritant — skin irritation and eye damage

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION****Other information:**

The soft light putty has a Classification Certificate No. 125/IPO-BC/2011. It is not subject to RID and ADR regulations on the transport of dangerous goods.

**Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

- 14.1 UN number or ID number:** Not relevant  
**14.2 UN proper shipping name:** Not relevant  
**14.3 Transport hazard class(es):** Not relevant  
Labels: Not relevant  
**14.4 Packing group:** Not relevant  
**14.5 Environmental hazards:** No  
**14.6 Special precautions for user**  
Special regulations: Not relevant  
Tunnel restriction code: Not relevant  
Physico-Chemical properties: see section 9  
Limited quantities: Not relevant  
**14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 14: TRANSPORT INFORMATION (continued)**

- 14.1 UN number or ID number:** Not relevant  
**14.2 UN proper shipping name:** Not relevant  
**14.3 Transport hazard class(es):** Not relevant  
Labels: Not relevant  
**14.4 Packing group:** Not relevant  
**14.5 Marine pollutant:** No  
**14.6 Special precautions for user**  
Special regulations: Not relevant  
EmS Codes:  
Physico-Chemical properties: see section 9  
Limited quantities: Not relevant  
Segregation group: Not relevant  
**14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2024:

- 14.1 UN number or ID number:** Not relevant  
**14.2 UN proper shipping name:** Not relevant  
**14.3 Transport hazard class(es):** Not relevant  
Labels: Not relevant  
**14.4 Packing group:** Not relevant  
**14.5 Environmental hazards:** No  
**14.6 Special precautions for user**  
Physico-Chemical properties: see section 9  
**14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

**Seveso III:**

| Section | Description       | Lower-tier requirements | Upper-tier requirements |
|---------|-------------------|-------------------------|-------------------------|
| P5c     | FLAMMABLE LIQUIDS | 5000                    | 50000                   |

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

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**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 15: REGULATORY INFORMATION (continued)****15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Not relevant

**Texts of the legislative phrases mentioned in section 2:**

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

H361d: Suspected of damaging the unborn child.

H372: Causes damage to organs through prolonged or repeated exposure (Inhalation).

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Repr. 1B: H360Df - May damage the unborn child. Suspected of damaging fertility.

Repr. 2: H361d - Suspected of damaging the unborn child.

Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

**Classification procedure:**

Flam. Liq. 3: Calculation method (2.6.4.3)

Skin Irrit. 2: Calculation method

Eye Irrit. 2: Calculation method

Skin Sens. 1: Calculation method

STOT SE 3: Calculation method

Repr. 2: Calculation method

STOT RE 1: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

- CONTINUED ON NEXT PAGE -



**SZPACHLÓWKA SOFT LIGHT - SOFT LIGHT PUTTY****SECTION 16: OTHER INFORMATION (continued)**

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -