


**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC
- Other means of identification:**
- UFI:** U9V3-10XK-3009-KKYC
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses: Structured varnish.
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.
- Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 2: Flammable liquids, Category 2, H225
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1: Sensitisation, skin, Category 1, H317
STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Danger**
- 
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
STOT SE 3: H336 - May cause drowsiness or dizziness.
- Precautionary statements:**

** Changes with regards to the previous version

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Safety data sheet

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LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC

SECTION 2: HAZARDS IDENTIFICATION ** (continued)

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P243: Take action to prevent static discharges.
- P260: Do not breathe vapours
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a POISON CENTER/doctor if you feel unwell.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Substances that contribute to the classification

acetone; Butanone; Reaction mass of ethylbenzene and xylene; Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics; Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3- propanediamine and 1,3-propanediamine

UFI: U9V3-10XK-3009-KKYC

The product packaging must include: tactile warning.

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

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

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of organic substances

Components:

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

| Identification | Chemical name/Classification | | Concentration |
|---|--|--|---------------|
| CAS: 67-64-1 EC: 200-662-2 Index: 606-001-00-8 REACH: 01-2119471330-49-XXXX | acetone⁽¹⁾ | ATP CLP00 | 10 - <25 % |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119488216-32-XXXX | Reaction mass of ethylbenzene and xylene⁽¹⁾ | Self-classified | 10 - <25 % |
| | Regulation 1272/2008 | Acute Tox. 4: H312+H332; 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: 78-93-3 EC: 201-159-0 Index: 606-002-00-3 REACH: 01-2119457290-43-XXXX | Butanone⁽¹⁾ | ATP CLP00 | 10 - <25 % |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: Non-applicable EC: 920-750-0 Index: Non-applicable REACH: 01-2119473851-33-XXXX | Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics⁽¹⁾ | Self-classified | 10 - <25 % |
| | Regulation 1272/2008 | Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |

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

⁽²⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

⁽³⁾ Substance with a Union workplace exposure limit

** Changes with regards to the previous version

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LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

| Identification | Chemical name/Classification | Concentration |
|---|---|---------------|
| CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX | N-butyl acetate⁽¹⁾ ATP CLP00 | 2,5 - <10 % |
| | Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning | |
| CAS: 1333-86-4 EC: 215-609-9 Index: Non-applicable REACH: Non-applicable | Carbon black⁽²⁾ Not classified | 1 - <2,5 % |
| | Regulation 1272/2008 | |
| CAS: 61789-72-8 EC: 263-081-3 Index: Non-applicable REACH: Non-applicable | Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides⁽²⁾ Self-classified | 0,25 - <1 % |
| | Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | |
| CAS: 162627-17-0 EC: Non-applicable Index: Non-applicable REACH: 01-2119970640-38-XXXX | Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine⁽¹⁾ Self-classified | 0,1 - <1 % |
| | Regulation 1272/2008 Skin Sens. 1: H317 - Warning | |
| CAS: 107-98-2 EC: 203-539-1 Index: 603-064-00-3 REACH: 01-2119457435-35-XXXX | 1-methoxy-2-propanol⁽³⁾ ATP ATP01 | 0,1 - <1 % |
| | Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336 - Warning | |

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

⁽²⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

⁽³⁾ Substance with a Union workplace exposure limit

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

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 |
|--|-----------------|--------------|-------|
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | LD50 oral | Not relevant | |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation | Not relevant | |

** Changes with regards to the previous version

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.

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 4: FIRST AID MEASURES (continued)****4.3 Indication of any immediate medical attention and special treatment needed:**

Not available

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

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:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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.

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 7: HANDLING AND STORAGE (continued)****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

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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 | | |
|--|------------------------------|---------|------------------------|
| | IOELV (8h) | 500 ppm | 1210 mg/m ³ |
| acetone CAS: 67-64-1 EC: 200-662-2 | IOELV (STEL) | | |
| Butanone CAS: 78-93-3 EC: 201-159-0 | IOELV (8h) | 200 ppm | 600 mg/m ³ |
| | IOELV (STEL) | 300 ppm | 900 mg/m ³ |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | IOELV (8h) | 50 ppm | 241 mg/m ³ |
| | IOELV (STEL) | 150 ppm | 723 mg/m ³ |
| 1-methoxy-2-propanol ⁽¹⁾ CAS: 107-98-2 EC: 203-539-1 | IOELV (8h) | 100 ppm | 375 mg/m ³ |
| | IOELV (STEL) | 150 ppm | 568 mg/m ³ |

⁽¹⁾ Likely absorption through the skin

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|--|------------|-----------------------|------------------------|------------------------|-----------------------|
| | | Systemic | Local | Systemic | Local |
| acetone CAS: 67-64-1 EC: 200-662-2 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 186 mg/kg | Not relevant |
| | Inhalation | Not relevant | 2420 mg/m ³ | 1210 mg/m ³ | Not relevant |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 212 mg/kg | Not relevant |
| | Inhalation | 442 mg/m ³ | 442 mg/m ³ | 221 mg/m ³ | 221 mg/m ³ |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|------------|-------------------------|-------------------------|------------------------|-----------------------|
| | | Systemic | Local | Systemic | Local |
| Butanone CAS: 78-93-3 EC: 201-159-0 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 1161 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 600 mg/m ³ | Not relevant |
| Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics CAS: Non-applicable EC: 920-750-0 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 773 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 2035 mg/m ³ | Not relevant |
| N-butyl acetate CAS: 123-86-4 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 ³ | 600 mg/m ³ | 300 mg/m ³ | 300 mg/m ³ |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| | Dermal | Not relevant | Not relevant | 183 mg/kg | Not relevant |
| | Inhalation | 553,5 mg/m ³ | 553,5 mg/m ³ | 369 mg/m ³ | Not relevant |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|---|------------|-----------------------|-----------------------|------------------------|------------------------|
| | | Systemic | Local | Systemic | Local |
| acetone CAS: 67-64-1 EC: 200-662-2 | Oral | Not relevant | Not relevant | 62 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 62 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 200 mg/m ³ | Not relevant |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | 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 ³ | 260 mg/m ³ | 65,3 mg/m ³ | 65,3 mg/m ³ |
| Butanone CAS: 78-93-3 EC: 201-159-0 | Oral | Not relevant | Not relevant | 31 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 412 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 106 mg/m ³ | Not relevant |
| Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics CAS: Non-applicable EC: 920-750-0 | Oral | Not relevant | Not relevant | 699 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 699 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 608 mg/m ³ | Not relevant |
| N-butyl acetate CAS: 123-86-4 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 ³ | 300 mg/m ³ | 35,7 mg/m ³ | 35,7 mg/m ³ |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | Oral | Not relevant | Not relevant | 33 mg/kg | Not relevant |
| | Dermal | Not relevant | Not relevant | 78 mg/kg | Not relevant |
| | Inhalation | Not relevant | Not relevant | 43,9 mg/m ³ | Not relevant |

PNEC:

| Identification | | | | |
|--|--------------|--------------|-------------------------|--------------|
| acetone CAS: 67-64-1 EC: 200-662-2 | STP | 100 mg/L | Fresh water | 10,6 mg/L |
| | Soil | 29,5 mg/kg | Marine water | 1,06 mg/L |
| | Intermittent | 21 mg/L | Sediment (Fresh water) | 30,4 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 3,04 mg/kg |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | 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 |
| Butanone CAS: 78-93-3 EC: 201-159-0 | STP | 709 mg/L | Fresh water | 55,8 mg/L |
| | Soil | 22,5 mg/kg | Marine water | 55,8 mg/L |
| | Intermittent | 55,8 mg/L | Sediment (Fresh water) | 284,74 mg/kg |
| | Oral | 1 g/kg | Sediment (Marine water) | 284,7 mg/kg |

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LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|--|--------------|--------------|-------------------------|--------------|
| N-butyl acetate CAS: 123-86-4 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 |
| Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine CAS: 162627-17-0 EC: Non-applicable | STP | Not relevant | Fresh water | Not relevant |
| | Soil | 5,8 mg/kg | Marine water | Not relevant |
| | Intermittent | Not relevant | Sediment (Fresh water) | Not relevant |
| | Oral | Not relevant | Sediment (Marine water) | Not relevant |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | STP | 100 mg/L | Fresh water | 10 mg/L |
| | Soil | 4,59 mg/kg | Marine water | 1 mg/L |
| | Intermittent | 100 mg/L | Sediment (Fresh water) | 52,3 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 5,2 mg/kg |



8.2 Exposure controls:
A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more 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 |
|---|-----------------------------------|---|---------------------|--|
|  Mandatory respiratory tract protection | Filter mask for gases and vapours |  | 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. |

C.- Specific protection for the hands



| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|-------------------|--|
|  Mandatory hand protection | Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm) |  | 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 |
|--|---|---|---------------------------------|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002 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 |
|---|--|---|--|------------------------------------|
|  Mandatory complete body protection | Antistatic and fireproof protective clothing |  | EN 1149-1:2006 EN 1149-2:1997 EN 1149-3:2004 EN 168:2002 EN ISO 14116:2015 EN 1149-5:2018 | Limited protection against flames. |



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LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|--|---|
|  Mandatory foot protection | Safety footwear with antistatic and heat resistant properties |  | EN ISO 13287:2020 EN ISO 20345:2011 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

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

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

| | |
|---------------------------|-------------------------------------|
| V.O.C. (Supply): | 58,91 % weight |
| V.O.C. density at 20 °C: | 618,5 kg/m ³ (618,5 g/L) |
| Average carbon number: | 5,7 |
| Average molecular weight: | 88,22 g/mol |

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

| | |
|--------------------------------------|-------------------------------------|
| V.O.C. density at 20 °C: | 618,5 kg/m ³ (618,5 g/L) |
| EU limit for the product (Cat. B.E): | 840 g/L (2010) |
| Components: | Not relevant |

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: | Fluid |
| Colour: |  Black |
| Odour: | Characteristic |
| Odour threshold: | Not available * |

Volatility:

| | |
|--|-----------------|
| Boiling point at atmospheric pressure: | 56 - 57 °C |
| Vapour pressure at 20 °C: | 23300 Pa |
| Vapour pressure at 50 °C: | Not available * |
| Evaporation rate at 20 °C: | Not available * |

Product description:

| | |
|-------------------------------|------------------------------|
| Density at 20 °C: | 950 - 1050 kg/m ³ |
| Relative density at 20 °C: | 0,95 - 1,05 |
| Dynamic viscosity at 20 °C: | Not available * |
| Kinematic viscosity at 20 °C: | Not available * |
| Kinematic viscosity at 40 °C: | <20,5 mm ² /s |

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

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

| | |
|--|-----------------|
| Concentration: | Not available * |
| pH: | Not available * |
| Vapour density at 20 °C: | Not available * |
| Partition coefficient n-octanol/water 20 °C: | Not available * |
| Solubility in water at 20 °C: | Not available * |
| Solubility properties: | Not available * |
| Decomposition temperature: | Not available * |
| Melting point/freezing point: | Not available * |

Flammability:

| | |
|----------------------------|-----------------|
| Flash Point: | -17 °C |
| Flammability (solid, gas): | Not available * |
| Autoignition temperature: | Not available * |
| Lower flammability limit: | 0,8 % Volume |
| Upper flammability limit: | 13 % 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 20 °C: | Not available * |
| Refraction index: | Not available * |

*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:

| 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:

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 10: STABILITY AND REACTIVITY (continued)**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

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: 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.

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: Reaction mass of ethylbenzene and xylene (3); Carbon black (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: 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.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous 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:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

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

- Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- 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:

Not relevant

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)****Specific toxicology information on the substances:**

| Identification | Acute toxicity | | Genus |
|--|-----------------|-------------------|--------|
| | Route | Value | |
| acetone CAS: 67-64-1 EC: 200-662-2 | LD50 oral | 5800 mg/kg | Rat |
| | LD50 dermal | 7426 mg/kg | Rabbit |
| | LC50 inhalation | 76 mg/L (4 h) | Rat |
| Butanone CAS: 78-93-3 EC: 201-159-0 | LD50 oral | 4000 mg/kg | Rat |
| | LD50 dermal | 6400 mg/kg | Rabbit |
| | LC50 inhalation | 23,5 mg/L (4 h) | Rat |
| N-butyl acetate CAS: 123-86-4 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 |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg (ATEi) | Rat |
| | LC50 inhalation | 11 mg/L (4 h) | Rat |
| Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics CAS: Non-applicable EC: 920-750-0 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | >20 mg/L | |
| Carbon black CAS: 1333-86-4 EC: 215-609-9 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | >5 mg/L | |
| Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides CAS: 61789-72-8 EC: 263-081-3 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | | |
| Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine CAS: 162627-17-0 EC: Non-applicable | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | | |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | >20 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

*** Changes with regards to the previous version***SECTION 12: ECOLOGICAL INFORMATION ****

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

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:**Acute toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---------------|-------------------|-------------------------|------------|
| | Route | Value | | |
| acetone CAS: 67-64-1 EC: 200-662-2 | LC50 | 5540 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 8800 mg/L (48 h) | Daphnia pulex | Crustacean |
| | EC50 | 3400 mg/L (48 h) | Chlorella pyrenoidosa | Algae |
| Butanone CAS: 78-93-3 EC: 201-159-0 | LC50 | 3220 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 5091 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 4300 mg/L (168 h) | Scenedesmus quadricauda | Algae |

*** Changes with regards to the previous version*

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Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

| Identification | Concentration | | Species | Genus |
|---|---------------|---------------------|---------------------------|------------|
| Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics CAS: Non-applicable EC: 920-750-0 | LC50 | >1 - 10 mg/L (96 h) | | Fish |
| | EC50 | >1 - 10 mg/L (48 h) | | Crustacean |
| | EC50 | >1 - 10 mg/L (72 h) | | Algae |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | LC50 | Not relevant | | |
| | EC50 | Not relevant | | |
| | EC50 | 675 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| Carbon black CAS: 1333-86-4 EC: 215-609-9 | LC50 | 1000 mg/L (96 h) | Brachydanio rerio | Fish |
| | EC50 | 5600 mg/L (24 h) | Daphnia magna | Crustacean |
| | EC50 | Not relevant | | |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | LC50 | 20800 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 23300 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 1000 mg/L (168 h) | Selenastrum capricornutum | Algae |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|---|---------------|--------------|---------------------|------------|
| acetone CAS: 67-64-1 EC: 200-662-2 | NOEC | Not relevant | | |
| | NOEC | 2212 mg/L | Daphnia magna | Crustacean |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | NOEC | 1,3 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 1,17 mg/L | Ceriodaphnia dubia | Crustacean |
| N-butyl acetate 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 | |
|---|---------------|--------------|------------------|--------------|
| | | | | |
| acetone CAS: 67-64-1 EC: 200-662-2 | BOD5 | Not relevant | Concentration | 100 mg/L |
| | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 96 % |
| Butanone CAS: 78-93-3 EC: 201-159-0 | BOD5 | 2,03 g O2/g | Concentration | Not relevant |
| | COD | 2,31 g O2/g | Period | 20 days |
| | BOD5/COD | 0,88 | % Biodegradable | 89 % |
| Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics CAS: Non-applicable EC: 920-750-0 | BOD5 | Not relevant | Concentration | Not relevant |
| | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 98 % |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | BOD5 | Not relevant | Concentration | Not relevant |
| | COD | Not relevant | Period | 5 days |
| | BOD5/COD | Not relevant | % Biodegradable | 84 % |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | BOD5 | Not relevant | Concentration | 100 mg/L |
| | COD | Not relevant | Period | 28 days |
| | BOD5/COD | Not relevant | % Biodegradable | 90 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|--|---------------------------|-------|
| acetone CAS: 67-64-1 EC: 200-662-2 | BCF | 1 |
| | Pow Log | -0.24 |
| | Potential | Low |
| Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0 | BCF | 9 |
| | Pow Log | 2.77 |
| | Potential | Low |
| Butanone CAS: 78-93-3 EC: 201-159-0 | BCF | 3 |
| | Pow Log | 0.29 |
| | Potential | Low |

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 12: ECOLOGICAL INFORMATION ** (continued)**

| Identification | Bioaccumulation potential | |
|--|---------------------------|-------|
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | BCF | 4 |
| | Pow Log | 1.78 |
| | Potential | Low |
| 1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1 | BCF | 3 |
| | Pow Log | -0.44 |
| | Potential | Low |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|-----------------------|----------------------|------------|-----------------------------|
| acetone CAS: 67-64-1 EC: 200-662-2 | Koc | 1 | Henry | 2,93 Pa·m ³ /mol |
| | Conclusion | Very High | Dry soil | Yes |
| | Surface tension | 2,304E-2 N/m (25 °C) | Moist soil | Yes |
| Butanone CAS: 78-93-3 EC: 201-159-0 | Koc | 30 | Henry | 5,77 Pa·m ³ /mol |
| | Conclusion | Very High | Dry soil | Yes |
| | Surface tension | 2,396E-2 N/m (25 °C) | Moist soil | Yes |
| N-butyl acetate CAS: 123-86-4 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 |

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

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

12.7 Other adverse effects:

Not described

** Changes with regards to the previous version

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

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|------------------------|---|--|
| 08 01 11* 15 01 10* | waste paint and varnish containing organic solvents or other hazardous substances packaging containing residues of or contaminated by hazardous substances | Hazardous |

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

HP3 Flammable, HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, 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**Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

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LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC

SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number or ID number:** UN1139
- 14.2 UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** II
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Special regulations: Not relevant
Tunnel restriction code: D/E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
- 14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



- 14.1 UN number or ID number:** UN1139
- 14.2 UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** II
- 14.5 Marine pollutant:** No
- 14.6 Special precautions for user**
Special regulations: Not relevant
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
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:** UN1139
- 14.2 UN proper shipping name:** COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** II
- 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:**

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 15: REGULATORY INFORMATION (continued)**

- 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 ...):

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors: Contains acetone. Product under the provisions of Article 9. However, products that contain explosives precursors only to such a small extent and in such complex mixtures that the extraction of the explosives precursors is technically extremely difficult should be excluded from the scope of this Regulation. 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

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.:

COMMISSION REGULATION (EU) 2020/878

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances

Carbon black (1333-86-4)

Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides (61789-72-8)

Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3- propanediamine and 1,3-propanediamine (162627-17-0)

Substances that contribute to the classification (SECTION 2):

- New declared substances

Butanone (78-93-3)

acetone (67-64-1)

Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3- propanediamine and 1,3-propanediamine (162627-17-0)

Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics

Reaction mass of ethylbenzene and xylene

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Hazard statements
- Precautionary statements

Texts of the legislative phrases mentioned in section 2:

** Changes with regards to the previous version

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**LAKIER STRUKTURALNY DO PLASTIKU CZARNY - STRUCTURE BLACK LACQUER FOR PLASTIC****SECTION 16: OTHER INFORMATION ** (continued)**

H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
H412: Harmful to aquatic life with long lasting effects.
H373: May cause damage to organs through prolonged or repeated exposure (Oral).

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.
Aquatic Chronic 2: H411 - Toxic 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.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Flam. Liq. 2: 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
Aquatic Chronic 3: Calculation method
STOT RE 2: 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:

<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

*** Changes with regards to the previous version*

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 -