

ACRYL FILLER 1K

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Version: 4 (Replaced 3)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: ACRYL FILLER 1K

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

Relevant uses: Car repair; base for coatings. For professional 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:

ETALON is a brand of Alexport Company.
Pontou 26, P.C. 546 28, Thessaloniki, Greece,
Tel: +30 2310 501814, Fax: +30 2310 524 771
info@alexport.gr, www.alexport.gr
www.etalon-refinish.com

1.4 Emergency telephone number: 122 or call your local doctor/poison center

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

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

STOT RE 2: Specific target organ toxicity if swallowed, repeated exposure, Category 2, H373

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

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

Eye Irrit. 2: H319 - Causes serious eye irritation

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

Skin Irrit. 2: H315 - Causes skin irritation

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

STOT SE 3: H335 - May cause respiratory irritation

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P280: Wear protective gloves/protective clothing/eye protection/face protection

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

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

Supplementary information:

EUH208: Contains Butyl methacrylate, Methyl methacrylate. May produce an allergic reaction

Substances that contribute to the classification

Xylene

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

** Changes with regards to the previous version

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of chemical products

Components:

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

| Identification | Chemical name/Classification | | Concentration |
|--|--|---|----------------------|
| CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-XXXX | Xylene⁽¹⁾ Regulation 1272/2008 | Self-classified 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 | 10 - <25 % |
| CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX | N-butyl acetate⁽¹⁾ Regulation 1272/2008 | ATP CLP00 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning | 5 - <10 % |
| CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-29-XXXX | 2-methoxy-1-methylethyl acetate⁽²⁾ Regulation 1272/2008 | ATP ATP01 Flam. Liq. 3: H226 - Warning | 1 - <2,5 % |
| CAS: 80-62-6 EC: 201-297-1 Index: 607-035-00-6 REACH: 01-2119452498-28-XXXX | Methyl methacrylate⁽¹⁾ Regulation 1272/2008 | ATP CLP00 Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger | <1 % |
| CAS: 97-88-1 EC: 202-615-1 Index: 607-033-00-5 REACH: 01-2119486394-28-XXXX | Butyl methacrylate⁽¹⁾ Regulation 1272/2008 | ATP CLP00 Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Warning | <1 % |

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

⁽²⁾ Substance with a Union workplace exposure limit

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

** 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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SECTION 4: FIRST AID MEASURES (continued)

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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:

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. Destroy 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.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

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.- Precautions for safe manipulation

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.

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SECTION 7: HANDLING AND STORAGE (continued)

C.- Technical recommendations to prevent ergonomic and toxicological risks

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.: 15 °C

Maximum Temp.: 25 °C

Maximum time: 12 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

| Identification | Environmental limits | | |
|--|----------------------|--------------|--|
| | IOELV (8h) | IOELV (STEL) | IOELV (STEL) |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | 50 ppm | 100 ppm | 221 mg/m ³ 442 mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | 50 ppm | 100 ppm | 275 mg/m ³ 550 mg/m ³ |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | 50 ppm | 100 ppm | |

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|---|------------|-----------------------|-----------------------|-------------------------|-----------------------|
| | | Systemic | Local | Systemic | Local |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 180 mg/kg | Non-applicable |
| | Inhalation | 289 mg/m ³ | 289 mg/m ³ | 77 mg/m ³ | Non-applicable |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | 960 mg/m ³ | 960 mg/m ³ | 480 mg/m ³ | 480 mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 153,5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 275 mg/m ³ | Non-applicable |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 13,67 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 208 mg/m ³ | 208 mg/m ³ |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 415,9 mg/m ³ | 409 mg/m ³ |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|----------------|------------------------|----------------|
| | | Systemic | Local | Systemic | Local |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Oral | Non-applicable | Non-applicable | 1,6 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 108 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 14,8 mg/m ³ | Non-applicable |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|------------|-------------------------|-------------------------|--------------------------|--------------------------|
| | | Systemic | Local | Systemic | Local |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | 859,7 mg/m ³ | 859,7 mg/m ³ | 102,34 mg/m ³ | 102,34 mg/m ³ |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | Oral | Non-applicable | Non-applicable | 1,67 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 54,8 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 33 mg/m ³ | Non-applicable |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 8,2 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 74,3 mg/m ³ | 104 mg/m ³ |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 3 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 66,5 mg/m ³ | 366,4 mg/m ³ |

PNEC:

| Identification | | | | |
|---|--------------|----------------|-------------------------|----------------|
| Xylene CAS: 1330-20-7 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 | Non-applicable | Sediment (Marine water) | 12,46 mg/kg |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | STP | 35,6 mg/L | Fresh water | 0,18 mg/L |
| | Soil | 0,0903 mg/kg | Marine water | 0,018 mg/L |
| | Intermittent | 0,36 mg/L | Sediment (Fresh water) | 0,981 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,0981 mg/kg |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | STP | 100 mg/L | Fresh water | 0,635 mg/L |
| | Soil | 0,29 mg/kg | Marine water | 0,0635 mg/L |
| | Intermittent | 6,35 mg/L | Sediment (Fresh water) | 3,29 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,329 mg/kg |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | STP | 10 mg/L | Fresh water | 0,94 mg/L |
| | Soil | 1,47 mg/kg | Marine water | 0,94 mg/L |
| | Intermittent | 0,94 mg/L | Sediment (Fresh water) | 5,74 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | Non-applicable |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | STP | 31,7 mg/L | Fresh water | 0,169 mg/L |
| | Soil | Non-applicable | Marine water | 0,169 mg/L |
| | Intermittent | 0,169 mg/L | Sediment (Fresh water) | Non-applicable |
| | Oral | Non-applicable | Sediment (Marine water) | Non-applicable |



8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. 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 |
|---|---------------------------------------|---|---------------------|--|
|  | Filter mask for gases and vapours (A) |  | EN 405:2001+A1:2009 | 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

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)





| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|--|---|---|--|
|  Mandatory hand protection | NON-disposable chemical protective gloves (NBR), Breakthrough Time 480 min, thickness 0.4 mm |  | EN ISO 374-1:2016 EN 16523-1:2015 EN 420:2003+A1:2009 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

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



D.- Ocular and facial protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|---------------------------------|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2001 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 foot protection | Safety footwear for protection against chemical risk, with antistatic and heat resistant properties |  | EN ISO 13287:2012 EN ISO 20345:2011 EN 13832-1:2019 | Replace boots at any sign of deterioration. |
|  Mandatory complete body protection | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties |  | EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 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 |
|---|---|--|--|
|  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): | 34,83 % weight |
| V.O.C. density at 20 °C: | 533 kg/m ³ (533 g/L) |
| Average carbon number: | 7,33 |
| Average molecular weight: | 110,34 g/mol |

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: | Viscous |

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|------------------|--|
| Colour: | According to the markings on the package |
| Odour: | Characteristic |
| Odour threshold: | Non-applicable * |

Volatility:

| | |
|--|-----------------------|
| Boiling point at atmospheric pressure: | 134 °C |
| Vapour pressure at 20 °C: | 879 Pa |
| Vapour pressure at 50 °C: | 4645,15 Pa (4,65 kPa) |
| Evaporation rate at 20 °C: | Non-applicable * |

Product description:

| | |
|--|---|
| Density at 20 °C: | 1379,9 - 1380,1 kg/m ³ (ISO 901) |
| Relative density at 20 °C: | 1,404 |
| Dynamic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 40 °C: | >20,5 cSt |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| Vapour density at 20 °C: | Non-applicable * |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable * |
| Solubility in water at 20 °C: | Non-applicable * |
| Solubility properties: | Non-applicable * |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |
| Explosive properties: | Non-applicable * |
| Oxidising properties: | Non-applicable * |

Flammability:

| | |
|----------------------------|------------------|
| Flash Point: | 26 °C |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | 294 °C |
| Lower flammability limit: | Not available |
| Upper flammability limit: | Not available |

Explosive:

| | |
|------------------------|------------------|
| Lower explosive limit: | Non-applicable * |
| Upper explosive limit: | Non-applicable * |

9.2 Other information:

| | |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index: | Non-applicable * |

*Not relevant 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.

10.2 Chemical stability:

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

10.3 Possibility of hazardous reactions:

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SECTION 10: STABILITY AND REACTIVITY (continued)

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:

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 toxicological effects:

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, as it does not contain 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 dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

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 dangerous for the effects mentioned. For more information see section 3.
IARC: Xylene (3); Methyl methacrylate (3); Talc (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: 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.

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:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- 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: 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.

H- Aspiration hazard:

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

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|---|-----------------|----------------------|--------|
| | | | |
| 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 |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | LD50 oral | 8532 mg/kg | Rat |
| | LD50 dermal | 5100 mg/kg | Rat |
| | LC50 inhalation | 30 mg/L (4 h) | Rat |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg (ATEi) | Rat |
| | LC50 inhalation | 11 mg/L (4 h) (ATEi) | |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | >20 mg/L | |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation | >20 mg/L | |

SECTION 12: ECOLOGICAL INFORMATION

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

12.1 Toxicity:

| Identification | Acute toxicity | | Species | Genus |
|---|----------------|------------------|---------------------------------|------------|
| | | | | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | LC50 | 13.5 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 3.4 mg/L (48 h) | Ceriodaphnia dubia | Crustacean |
| | EC50 | 10 mg/L (72 h) | Skeletonema costatum | Algae |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | LC50 | 62 mg/L (96 h) | Leuciscus idus | Fish |
| | EC50 | 73 mg/L (24 h) | Daphnia magna | Crustacean |
| | EC50 | 675 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | LC50 | 161 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 481 mg/L (48 h) | Daphnia sp. | Crustacean |
| | EC50 | Non-applicable | | |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | LC50 | 191 mg/L (96 h) | Lepomis macrochirus | Fish |
| | EC50 | 69 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 170 mg/L (96 h) | Selenastrum capricornutum | Algae |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | LC50 | 11 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 | 32 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 57 mg/L (96 h) | Pseudokirchneriella subcapitata | Algae |

12.2 Persistence and degradability:

- CONTINUED ON NEXT PAGE -

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Degradability | | Biodegradability | |
|---|---------------|----------------|------------------|----------------|
| | | | | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 88 % |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 5 days |
| | BOD5/COD | 0.79 | % Biodegradable | 84 % |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | BOD5 | Non-applicable | Concentration | 785 mg/L |
| | COD | Non-applicable | Period | 8 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 100 % |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 14 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 94,3 % |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 88 % |

12.3 Bioaccumulative potential:

| Identification | Bioaccumulation potential | |
|---|---------------------------|----------|
| | | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | BCF | 9 |
| | Pow Log | 2.77 |
| | Potential | Low |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | BCF | 4 |
| | Pow Log | 1.78 |
| | Potential | Low |
| 2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9 | BCF | 1 |
| | Pow Log | 0.43 |
| | Potential | Low |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | BCF | 7 |
| | Pow Log | 1.38 |
| | Potential | Low |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | BCF | 91 |
| | Pow Log | 2.88 |
| | Potential | Moderate |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|--|-----------------------|----------------------|------------|-------------------------------|
| | | | | |
| Xylene CAS: 1330-20-7 EC: 215-535-7 | Koc | 202 | Henry | 524,86 Pa·m ³ /mol |
| | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | Non-applicable | Moist soil | Yes |
| N-butyl acetate CAS: 123-86-4 EC: 204-658-1 | Koc | Non-applicable | Henry | Non-applicable |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 2,478E-2 N/m (25 °C) | Moist soil | Non-applicable |
| Methyl methacrylate CAS: 80-62-6 EC: 201-297-1 | Koc | Non-applicable | Henry | Non-applicable |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 2,551E-2 N/m (25 °C) | Moist soil | Non-applicable |
| Butyl methacrylate CAS: 97-88-1 EC: 202-615-1 | Koc | Non-applicable | Henry | Non-applicable |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 2,559E-2 N/m (25 °C) | Moist soil | Non-applicable |

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

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

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

HP3 Flammable, 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-dangerous residue. We do not recommended disposal down the drain. 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 2019 and RID 2019:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Special regulations: 163, 367, 650
Tunnel restriction code: D/E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 38-16:



- 14.1 UN number:** UN1263
- 14.2 UN proper shipping name:** PAINT
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Special regulations: 163, 223, 367, 955
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Non-applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

Transport of dangerous goods by air:

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SECTION 14: TRANSPORT INFORMATION (continued)

With regard to IATA/ICAO 2020:



- 14.1 UN number:** UN1263
14.2 UN proper shipping name: PAINT
14.3 Transport hazard class(es): 3
Labels: 3
14.4 Packing group: III
14.5 Environmental hazards: No
14.6 Special precautions for user
Physico-Chemical properties: see section 9
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

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

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

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SECTION 15: REGULATORY INFORMATION (continued)

Contains 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich. 1. | Shall not be used as substances or in mixtures, individually or in any combination of the phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material, in toys and childcare articles. | 2. | Shall not be placed on the market in toys or childcare articles, individually or in any combination of the first three phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material. | In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination with the first three phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material. | 3. | Shall not be placed on the market after 7 July 2020 in articles, individually or in any combination of the phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material in the article. | 4. | Paragraph 3 shall not apply to: | (a) | articles exclusively for industrial or agricultural use, or for use exclusively in the open air, provided that no plasticised material comes into contact with human mucous membranes or into prolonged contact with human skin; | (b) | aircraft, placed on the market before 7 January 2024, or articles, whenever placed on the market, for use exclusively in the maintenance or repair of those aircraft, where those articles are essential for the safety and airworthiness of the aircraft; | (c) | motor vehicles within the scope of Directive 2007/46/EC, placed on the market before 7 January 2024, or articles, whenever placed on the market, for use exclusively in the maintenance or repair of those vehicles, where the vehicles cannot function as intended without those articles; | (d) | articles placed on the market before 7 July 2020; | (e) | measuring devices for laboratory use, or parts thereof; | (f) | materials and articles intended to come into contact with food within the scope of Regulation (EC) No 1935/2004 or Commission Regulation (EU) No 10/2011 (*1); | (g) | medical devices within the scope of Directives 90/385/EEC, 93/42/EEC or 98/79/EC, or parts thereof; | (h) | electrical and electronic equipment within the scope of Directive 2011/65/EU; | (i) | the immediate packaging of medicinal products within the scope of Regulation (EC) No 726/2004, Directive 2001/82/EC or Directive 2001/83/EC; | (j) | toys and childcare articles covered by paragraphs 1 or 2. | 5. | For the purposes of paragraphs 1, 2, 3 and 4(a), | (a) | 'plasticised material' means any of the following homogeneous materials: | — | polyvinyl chloride (PVC), polyvinylidene chloride (PVDC), polyvinyl acetate (PVA), polyurethanes, | — | any other polymer (including, inter alia, polymer foams and rubber material) except silicone rubber and natural latex coatings, | — | surface coatings, non-slip coatings, finishes, decals, printed designs, | — | adhesives, sealants, paints and inks. | (b) | 'prolonged contact with human skin' means continuous contact of more than 10 minutes duration or intermittent contact over a period of 30 minutes, per day. | (c) | 'childcare article' shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children. | 6. | For the purposes of paragraph 4(b), 'aircraft' means one of the following: | (a) | a civil aircraft produced in accordance with a type certificate issued under Regulation (EC) No 216/2008 or with a design approval issued under the national regulations of a contracting State of the International Civil Aviation Organisation (ICAO), or for which a certificate of airworthiness has been issued by an ICAO contracting State under Annex 8 to the Convention on International Civil Aviation, signed on December 7, 1944, in Chicago; | (b) | a military aircraft.

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:

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 (Regulation (EC) No 2015/830)

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

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

- Removed substances
Di(2-ethylhexyl) Phthalate (117-81-7)

Substances that contribute to the classification (SECTION 2):

- Removed substances
Di(2-ethylhexyl) Phthalate (117-81-7)

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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SECTION 16: OTHER INFORMATION ** (continued)

H315: Causes skin irritation
H335: May cause respiratory irritation
H373: May cause damage to organs through prolonged or repeated exposure (Oral)
H226: Flammable liquid and vapour
H319: Causes serious eye irritation

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: H312+H332 - Harmful in contact with skin or if inhaled
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
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 (Oral)
STOT SE 3: H335 - May cause respiratory irritation
STOT SE 3: H336 - May cause drowsiness or dizziness

Classification procedure:

Skin Irrit. 2: Calculation method
STOT SE 3: Calculation method
STOT RE 2: Calculation method
Flam. Liq. 3: Calculation method (2.6.4.3)
Eye Irrit. 2: Calculation method

Advice related to training:

Minimal 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: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon

*** 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 -