



SAFETY DATA SHEET

[In accordance with the criteria of Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)]

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ACID PRIMER
Product code: IE PR 2040

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

Relevant identified uses: The preparation for nails. Not
Uses advised against: determined.

1.3. Details of the supplier of the safety data sheet

Distributor: B-PRO Systems
Address: Triq il-Bacir il-Gdid, PAOLA MALTA
+356 27 033 033
Telephone number: info@bprosystems.com
E-mail address:
Website: <https://www.bprosystems.com>

1.4. Emergency telephone number

112

Section 2. Hazards identification

2.1. Classification of the substance or mixture

The mixture/substance meets the criteria for classification according to Regulation 1272/2008/EC (CLP):

H302	Acute Tox. 4	Harmful if swallowed.
H311	Acute Tox. 3	Toxic in contact with skin.
H314	Skin Corr. 1A	Causes severe skin burns and eye damage.
H317	Skin Sens. 1	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage.
H331	Acute Tox. 3	Toxic if inhaled.
H335	STOT SE 3	May cause respiratory irritation.
H400	Aquatic Acute 1	Very toxic to aquatic life.

SAFETY DATA SHHET

Product name:	Acid Primer	Revision date:	20.04.2021
Product code:	IE PR 2040	Version:	3.7./EN
Distributor:	B-PRO Systems	Revision:	2.0.
Address:	Triq il-Bacir il-Gdid PAOLA MALTA	Telephone:	+356 27 033 033

2.2. Label elements

Signal word:

Warning**Hazard statements:**

H302	Acute Tox. 4	Harmful if swallowed.
H311	Acute Tox. 3	Toxic in contact with skin.
H314	Skin Corr. 1A	Causes severe skin Burns and eye damage.
H317	Skin Sens. 1	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage.
H331	Acute Tox. 3	Toxic if inhaled.
H335	STOT SE 3	May cause respiratory irritation.
H400	Aquatic Acute 1	Very toxic to aquatic life.

Precautionary statements:

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340+310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

2.3. Other hazards

Substances in product do not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH

Substances in product do not have endocrine disrupting properties.

Section 3. Composition/information on ingredients**3.1. Substances** Not applicable.**3.2. Mixtures**

Chemical name	Concentration range [%]	CAS No.	EC No.	REACH Registration No.	Classification acc. to 1272/2008/EC
Methacrylic Acid	75.0-100.0%	79-41-4	201-204-4	01-2119463884-26	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1A H314 Eye Dam. 1 H318 Acute Tox. 4 H332 STOT SE 3 H335

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Chemical name	Contrentration range [%}	CAS No.	EC No.	REACH Registration No.	Classification acc. to 1272/2008/EC
Isobutyl Methacrylate	1.0-5.0%	97-86-9	202-613-0	-	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Acute 1 H400
Hydroquinone	0.0-0.1%	123-31-9	204-617-8	-	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Dam. 1 H318 Muta. 2 H341 Carc. 2 H351 Aquatic Acute 1 H400
P-Hydroxyanisole		150-76-5	205-796-8	-	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Irrit. 2 H319

* Full text od H-phrases is presented in section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General recommendations:

Provide the physician with the Safety Data Sheet. Immediately call a POISON CENTER or doctor/physician.

Skin contact:

In case of clothes contamination - take off clothes immediately. Remove contaminated clothing and shoes immediately. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Wash contact area with plenty of soap and water. Continue to rinse for at least 15 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact:

Get medical attention immediately. Call a poison center or phisician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns of eyes must be treated promptly by an ophthalmologist.

Ingestion:

Get medical attention immediately. Call a poison center or phisician. Rinse mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Inhalation:

Get medical attention immediately. Call a poison center or phisician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-

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mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Symptoms of poisoning may occur after several hours; therefore medical observation is required at least 48 hours after the accident. Causes severe skin burns and eye damage.

Skin contact:

Etched wounds caused by a caustic substance. As a result of repeated exposure to this product may cause the absorption through the skin, which is a serious threat to health.

Eye contact:

Destruction of eye tissue. Causes serious eye damage.

Ingestion:

Nausea. Burnes of stomach and intestines. Bloody vomiting. Bloody stool. Consuming a small amount of this product poses a serious health risk.

Inhalation:

Breathing problems. Danger of serious damage to health due to prolonged inhalation exposure. Harmful if inhaled. May cause respiratory irritation. Headaches and dizziness, irritation of the respiratory system, cough.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide, dry extinguishing powders, extinguishing foam, alcohol foam, water - diffuse currents, sand.

Unsuitable extinguishing media:

A steady stream of water.

5.2. Special hazards arising from the substance or mixture

Dangerous vapours (carbon oxides, nitrogen oxides) can be formed during the fire. In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Cool containers with water mist.

5.3. Advice for firefighters

Do not intervene without suitable protective equipment. Wear self-contained breathing apparatus and full personal protective equipment. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ventilate spill area, provide good ventilation. Use protective clothing. Use protective glasses. Avoid contact with skin, eyes and inhalation of vapours. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapours or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

Ventilate spill area. Use protective clothing. Use protective glasses. Avoid contact with skin and eyes and inhalation of vapours. Use waterproof footwear. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2. Environmental precautions

Avoid release to the environment – surface water, groundwater and sewage system. Place leaking containers in a well-ventilated area. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3. Methods and material for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Collect the spilled substance with non-flammable means, e.g. gravel or sand / earth / vermiculite. Absorb place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4. Reference to other sections

Emergency contact information - Section 1.
Personal protection equipment – Section 8.
Waste disposal – Section 13.

Section 7. Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke while using the product. Avoid contact with the eyes and skin. Provide good ventilation devices. Provide eye showers and washes. After finishing work, wash the skin thoroughly with soap and water. Use personal protective equipment.

Use corrosion-resistant equipment. Installations should be thoroughly cleaned/dried before use. Do not discharge waste substances into the drain. Keep away from naked flames/heat sources. Work in the open air/local exhaust/ventilation system or with protection of breathing function.

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If product is not use, keep tightly closed in original container or an approver alternative, witch is made of compatible material. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2. Conditions for safe storage, including any incompatibilities

The storage conditions:

Store in dry and well-ventilated rooms in original containers. Away from heat sources, sparks and fire. Keep away from oxidantes, strong acids, strong bases, metals, water/humidity.

Use mechanical ventilation. Store in tightly closed containers. Store in temperature between 18 - 25°C. Maximum storage temperature <40°C. Protect against frost, heat and sunlight. Do not smoke.

7.3. Specific end use(s)

Apart from the uses mentioned in subsection 1.2 no other specific uses are stipulated.

Section 8. Exposure controls/personal protection

8.1. Control parameters

- **Methacrylic acid, nr CAS 79-41-4**

DNEL/DMEL (workers)

Long-term –systemic effects, skin contact	4,25 mg/kg bodyweight /day
Long-term –systemic effects, inhalation	29,6 mg/m3
Long-term –local effects, inhalation	88 mg/m3

DNEL/DMEL (consuments)

Long-term –systemic effects, skin contact	2,55 mg/kg bodyweight/day
Long-term –systemic effects, inhalation	6,3 mg/m3
Long-term –local effects, skin contact	6,55

PNEC Sediment

Sediment (freshwater sediment)	0,82 mg/kg dry weight
Sediment (seawater sediment)	0,82 mg/kg dry weight
Soil	1,2 mg/kg dry weight

LEGAL BASIS: COMMISSION DIRECTIVES 2000/39/EC, 2006/15/EC, 2009/161/EC, 2017/164/EC, 2019/1931/EC

8.2. Exposure control

Appropriate engineering controls:

To identify the additional Personal Protective Equipment (PPE) required, it is recommended that a hazard assessment be performed in accordance with OSH PPE (29 CFR 1910.132) or European Standard EN 166 before handling the product.

Provide eye washers and a safety shower. Wear impervious clothing such as gloves, boots or a full protective suit to prevent any contact with the product. Provide general and local exhaust ventilation.

Hand and body protection:

Use protective gloves, butyl or viton, are recommended. Use protective work clothes. The selection of gloves has to be made taking into account the exposure time and the breakthrough time specified by the manufacturer.

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Eye/face protection:

Avoid contact with eyes by wearing protective glasses. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield.

Respiratory protection:

If mechanical ventilation is not sufficient, use respiratory protection in accordance with the OSHA regulations for breathing apparatus (29 CFR 1910.134) or the European standard EN 149. In justified cases, it is recommended to use protective masks with A-type filter.

Thermal hazards:

May cause skin burning.

Environmental exposure controls:

Avoid release to the environment - surface waters, groundwater and sewage system.

Section 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

	Mixture	Methacrylic acid
Physical state	Liquid	Liquid
Colour	Transparent	Transparent
Odour	Pudent	Pudent
Melting point/freezing point	No data available.	15°C
Boiling point Or initial boiling point and boiling range	No data available.	161°C
Flammability	No data available.	No data available.
Lower and Upper explosion limits	No data available.	1,6 -8,8 obj%
Flash point	No data available.	67°C (closed container; 1013 hPa)
Auto-ignition temperature	No data available.	400 °C
Decomposition temperature	No data available.	No data available.
pH	No data available.	3 (9%)
Kinematic viscosity	No data available.	No data available.
Solubility	No data available.	Water: 9,8 g/100ml (20°C) Ethanol: total Ether: total
Partition coefficient n-octanol/water (log value)	No data available.	0,93 (Experimental value; 22 °C)
Vapour pressure	No data available.	0,97 hPa (20 °C)
Density and/Or relative density	No data available.	1
Relative vapour density	No data available.	3 (20°C)
Particle characteristics (Only apply to solids)	No data available.	No data available.

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

No additional test results.

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Other safety characteristics

No additional information available.

Section 10. Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product.

10.2. Chemical stability

Stable under normal conditions. Unstable when expose to heat.

10.3. Posiibility of hazardous reactions

Hazardous reactions or instability may occur under certain conditions of storage or use.

10.4. Conditions to avoid

Keep away from sources of heat and ignition. Do not store with food. Protect against frost. Avoid exposure to light, contamination with incompatible materials.

10.5. Imcompatibile materials

Catalysts, strong oxidant, metal salts, strong acids and bases, peroxides.

10.6. Hazardous decomposition products

Carbon oxide, carbon dioxide.

Section 11. Toxicological information

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

Acute toxicity of mixture:

No additional data available.

Acute toxicity of components:

- **Methacrylic acid, nr CAS 79-41-4** – harmfull if swallowed, toxic in skin contact, toxic if inhaled.

Ingestion

LD₅₀ 1060 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 1320 mg/kg bodyweight; Rat)

Skin contact

LD₅₀ 500 mg/kg masy ciała (Rabbit; Experimental value; Inne; 500-1000 mg/kg bodyweight;)

Inhalation

LD₅₀ 7 mg/l/4h (Rat)

ATE CLP (Ingestion) 1060 mg/kg bodyweight

ATE CLP (skin) 500 mg/kg bodyweight

ATE CLP (vapour) 7 mg/l/4h

ATE CLP (dust, mist) 7 mg/l/4h

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- **Isobutyl Methacrylate, CAS 97-86-9**

Droga pokarmowa

LD₅₀

>5000 mg/kg (Rat, Equivalent or similar to OECD 401; experimental value: 9590 mg/kg bodyweight)

Skin corrosion/irritation:

Toxic in contact with skin. Causes severe skin burns.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

May causes skin sensitisation. May causes respiratory irritation. Toxic if inhaled.

Germ cell mutagenicity:

Not Classified

Carcinogenicity:

Not Classified

Reproductive toxicity:

Not Classified

STOT-single exposure:

Not Classified

STOT-repeated exposure:

Not Classified

Aspiration hazard:

May causes respiratory irritation. Toxic if inhaled.

11.2. Information on other hazards

Endocrine disrupting properties

Substances in product do not have endocrine disrupting properties.

Other information

No additional information available.

Section 12. Ecological informations

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Toxicity of components:

- **Methacrylic acid, nr CAS 79-41-4**

Fishes 1:

LC₅₀ 100 – 180 mg/l semi static

Ryby 2:

LC₅₀ 85 mg/l (LC₅₀, EPA, OTS 797.1400; 96 h); circulation system; freshwater; experimental value)

Daphnia

EC₅₀ > 130 mg/l (EC₅₀, EPA OTS 797.1300; 48h; *Daphnia magna*; circulation system; freshwater; experimental value)

Algae toxicity threshold

EC₅₀ 49 mg/l (EC₅₀, OECD 201; 72h, *Selenastrum capricornutum*; static system; freshwater; experimental value)

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- **Isobutyl Methacrylate, nr CAS 97-86-9**

Daphnia 1

EC₅₀ > 130 mg/l (EC₅₀; 48h; *Daphnia magna*)

Algae toxicity threshold

ErC₅₀ 16mg/l mg/l (ErC₅₀, OECD 201; 72h; (*Pseudokirchneriella subcapitata*); freshwater)

12.2. Persistence and degradability

- **Methacrylic acid, nr CAS 79-41-4** – Easily biodegradable in water. Low soil adsorption potential. Photodegradation in the air.

Biochemical oxygen demand 0,89g O₂/g of substance

ThOD 1,67 O₂/g of substance

BZT (%ThOD) 0,5329 (calculated value)

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

- **Methacrylic acid, nr CAS 79-41-4**

Surface tension 0,0659 N/m (20C; 1,01g/l)

12.5. Results of PBT and vBvP assessment

According to Annex XIII of Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH): The product does not fulfill the criteria for PBT (Persistent / bioaccumulative / toxic) and vPvB (very persistent / very bioaccumulative).

12.6. Endocrine disrupting properties

Substances in product do not have endocrine disrupting properties.

12.7. Other adverse effects

No additional information available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products:

Store the remains in original containers. Must be disposed of in accordance with local regulations.

Contaminated packaging:

The packaging, emptied of the remains of the product, should be delivered to an appropriate dump or for disposal in accordance with local regulations. Treat contaminated packages as the product itself. Re-use of packaging is not recommended. Hazardous waste should not be mixed with other waste.

Waste must be avoided or minimized if possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and

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legislation relating to waste disposal, as well as with the requirements of local authorities. Please dispose of excess products and non-recyclable products at a licensed waste disposal contractor. Untreated waste should not be sent to sewage system.

For disposal in the European Community, the user is required to assign waste codes in accordance with Directive 2008/98 / EC, based on the application in which the product is used.

DIRECTIVE 2008/98/EC

Section 14. Transport information

14.1. UN number or ID number

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S. (Methacrylic acid, Isobutyl Methacrylate)

14.3. Transport hazard class(es)

ADR/RID:	IMDG:	IATA:
8	8	8

14.4. Packing group

ADR/RID:	IMDG:	IATA:
II	II	II

14.5. Environmental hazards

Avoid penetration into the natural environment. The environmentally hazardous substance mark is not required when transported in sizes of $\leq 1\text{L}$ or $\leq 1\text{kg}$. Tunnel restriction code: (E).

14.6. Special precautions for user

Always transport in closed containers that are upright and secured. Make sure that people transporting the product know what the procedure is, in case of spilling the product.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15. Regulatory information

15.1. Safety, health and environment al regulations/legislation specific for the substance or mixture

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
3. Commission regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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4. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
6. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
9. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)
10. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste
12. Commission regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII
13. Regulation (eu) 2016/425 of the european parliament and of the council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

15.2. Chemical safety assessment

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) it is not necessary to carry out a chemical safety assessment for the mixture.

Section 16. Other informations

Full text of H-phrases mentioned in section 3:

H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin Burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Clarifications of aberrations and acronyms:

Skin Corr. 1A	Skin corrosion, category 1A
Skin Sens. 1	Skin sensitisation, category 1.
Eye Dam. 2	Serious eye damage, category 2.
STOT SE 3	Specific target organ toxicity – single exposure, category 3, respiratory tract irritation.
STOT RE 2	Specific target organ toxicity – repeated exposure, category 3, respiratory tract irritation.
Aquatic Acute 1	Aquatic Acute, category 1
Acute Tox. 3	Acute toxicity, category 3.
Acute Tox. 4	Acute toxicity, category 4.
CLP	Classification, Labelling and Packaging
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
CAS No	Chemical Abstracts Service number

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EC Number	European Chemical number: EINECS, ELINCS or NLP
EINECS	<i>European Inventory of Existing Chemical Substances</i>
ELINCS	<i>European List of Notified Chemical Substances</i>
NLP	<i>„No-longer polymers“</i>
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
ADR	The European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG	<i>International Maritime Dangerous Goods Code</i>
IATA	<i>International Air Transport Association</i>
OSHA	European Agency for Safety and Health at Work, EU-OSHA
PEL	Permissible exposure limit

Literature references and data sources:

SDS from the different suppliers of the components.

Procedure used to derive classification according to Regulation (EC) No. 1272/2008:

Calculation method.

Revision:

Section 1–16: general revision of SDS, according to COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Trainings:

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

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- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.

This SDS annulate and replaces all previous versions.

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