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# Safety data sheet

## according to 1907/2006/EC, Article 31 & 2020/878/EC

Printing date 12.10.2023

Version number 2 (replaces version 1)

Revision: 12.10.2023

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

#### · 1.1 Product identifier

- · Trade name: ACROBOND® PVC GEL SANITAIRE
- · UFI: S800-E0CX-G007-T0AH
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** commercial and / or industrial use
- · Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations on industrial sites
- · Application of the substance / the preparation : Adhesive
- · 1.3 Details of the supplier of the safety data sheet

## Manufacturer/Supplier: ACROM SAS Zone industrielle des Grands Bois Rue de l'Europe 49280 LA SEGUINIERE Tel : 02 41 56 08 94 Fax : 02 41 75 73 20

1.4 Emergency telephone number:

France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59 Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112 Belgium - Brüssel: +32 070/245 245 UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a lifethreatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647 Swiss Toxicological Information Centre (Zürich) : +41 44 251 51 51 / www.toxi.ch.

# **SECTION 2: Hazards identification**

· 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 :

GHS02

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



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

### Additional information:

When applying the product over a large area, eliminate all sources of ignition,

e.g. welders, doorbells, electric stoves, refrigerators, night storage heaters, etc., in a wider area and on lower floors.

storage heaters, in a wider area and on lower floors. Post warning signs warning of the risk of explosion.

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· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the C.L.P. regulation.

· Hazard pictograms



· Signal word Danger

· Hazard-determining components of labelling:

acetone

butanone

ethyl acetate

#### Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

- Precautionary statements
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- 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.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### • Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

#### · 2.3 Other hazards

In the event of a large-scale use of the product, ignition sources in the immediate proximity and in low-lying areas, such as welding equipment, bells, heating elements, refrigerators, storage heaters etc. should be switched off! Erect warning signs warning of the hazardous risk of explosive atmosphere!

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

• vPvB: Not applicable.

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

· 3.2 Mixtures

· Description: Preparation: composed of the substances listed below.



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| · Dangerous components:                                                                                                |                                                                                        |         |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------|
| CAS: 67-64-1<br>EINECS: 200-662-2<br>Index number: 606-001-00-8<br>RTECS: AL 3150000<br>Reg.nr.: 01-2119471330-49-xxxx | acetone<br>Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3,<br>H336, EUH066       | 25-<50% |
| CAS: 78-93-3<br>EINECS: 201-159-0<br>Index number: 606-002-00-3<br>RTECS: EL 6475000<br>Reg.nr.: 01-2119457290-43-XXXX | butanone<br>Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3,<br>H336, EUH066      | 25-<50% |
| CAS: 141-78-6<br>EINECS: 205-500-4<br>Index number: 607-022-00-5<br>RTECS: AH 5425000<br>Reg.nr.: 1-2119475103-46-xxxx | ethyl acetate<br>Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3,<br>H336, EUH066 | 10-<25% |

· SVHC Not applicable

• Additional information: For the wording of the listed risk phrases, refer to section 16.

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

· 4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Immediately remove any clothing soiled by the product.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient in a stable laying down side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: Do not induce vomiting; call for medical help immediately.
- · 4.2 Most important symptoms and effects, both acute and delayed :
- No further relevant information is available.
- 4.3 Indication of any immediate medical attention and special treatment needed :

No further relevant information is available.

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

• 5.1 Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents: Water with full jet

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- **5.2 Special hazards arising from the substance or mixture :** Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
- · Protective equipment: Use protective suit.
- · Additional information Cool closed containers and close by spraying water.

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

- 6.1 Personal precautions, protective equipment and emergency procedures : Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
   Do not allow product to reach sewage system or any water course.
   Inform respective authorities in case of seepage into water course or sewage system.
   Do not allow the product to enter sewers/ surface water or ground water.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.
- 6.4 Reference to other sections : See Section 7 for information on safe handling.
   See Section 8 for information on personal protective equipment.
   See Section 13 for disposal information.

# **SECTION 7: Handling and storage**

- 7.1 Precautions for safe handling :
- Keep receptacles tightly sealed.
- Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- Information about fire and explosion protection:
- Do not spray onto a naked flame or any incandescent material.



Keep ignition sources away - Do not smoke.

Protect from heat. Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- Store in a cool location.
- Information about storage in one common storage facility: Store and load away from food and drink, including animal feed.



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• Further information about storage conditions: Store receptacle in a well ventilated area.

Protect from frost. Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

• 7.3 Specific end use(s) : No further relevant information available.

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

### · 8.1 Control parameters

| · Ingredien                                                                                               | its with lin                                 | nit values that require monito                                                       | oring at the workplace: |                   |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|-------------------|
| CAS: 67-0                                                                                                 | 64-1 aceto                                   | ne (25-<50%)                                                                         |                         |                   |
| WEL (Gre                                                                                                  | at Britain)                                  | ) Short-term value: 3620 mg/m³, 1500 ppm<br>Long-term value: 1210 mg/m³, 500 ppm     |                         |                   |
| IOELV (E                                                                                                  | U)                                           | Long-term value: 1210 mg/m <sup>3</sup>                                              | , 500 ppm               |                   |
| MAK (Swi                                                                                                  | tzerland)                                    | Short-term value: 2400 mg/m³, 1000 ppm<br>Long-term value: 1200 mg/m³, 500 ppm<br>B; |                         |                   |
| CAS: 78-9                                                                                                 | 93-3 butar                                   | ione (25-<50%)                                                                       |                         |                   |
| WEL (Gre                                                                                                  | at Britain)                                  | Short-term value: 899 mg/m³,<br>Long-term value: 600 mg/m³,<br>Sk, BMGV              | ••                      |                   |
| IOELV (E                                                                                                  | U)                                           | Short-term value: 900 mg/m³,<br>Long-term value: 600 mg/m³,                          | ••                      |                   |
| MAK (Switzerland) Short-term value: 590 mg/m³, 200 ppm<br>Long-term value: 590 mg/m³, 200 ppm<br>H B SSc; |                                              |                                                                                      |                         |                   |
| CAS: 141                                                                                                  | -78-6 ethy                                   | l acetate (10-25%)                                                                   |                         |                   |
| WEL (Great Britain) Short-term value: 1468 mg/m³, 400 ppm<br>Long-term value: 734 mg/m³, 200 ppm          |                                              |                                                                                      |                         |                   |
| IOELV (EU) Short-term value: 1468 mg/m³, 400 ppm<br>Long-term value: 734 mg/m³, 200 ppm                   |                                              |                                                                                      |                         |                   |
|                                                                                                           |                                              | Short-term value: 1460 mg/m³<br>Long-term value: 730 mg/m³,<br>SSc;                  |                         |                   |
| ·DNELs                                                                                                    |                                              |                                                                                      |                         |                   |
| CAS: 67-                                                                                                  | 64-1 aceto                                   | ne                                                                                   |                         |                   |
| Oral                                                                                                      | DNEL Public long-term systemic 62 mg/kg bw/d |                                                                                      | 62 mg/kg bw/d           |                   |
| Dermal DNEL Public long-term systemic 62 mg/kg bw/d                                                       |                                              |                                                                                      |                         |                   |
| DNEL Worker long-term systemic 186 n                                                                      |                                              | 186 mg/kg bw/d                                                                       |                         |                   |
|                                                                                                           | 1                                            |                                                                                      | I                       | (Contd. on page 6 |

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|--------------------------------------|-------------------------------------------|------------------------|-------------------------|-----------------|
| Inhalative                           | Inhalative DNEL Public long-term systemic |                        | 200 mg/m <sup>3</sup>   |                 |
|                                      | DNEL Worker long-term                     | •                      | 1,210 mg/m <sup>3</sup> |                 |
|                                      | DNEL Worker long-term                     |                        | 2,420 mg/m <sup>3</sup> |                 |
|                                      | DNEL Worker acute/sho                     | ort-term local effects | 2,420 mg/m <sup>3</sup> |                 |
|                                      | 3-3 butanone                              |                        |                         |                 |
| Oral                                 | DNEL Public long-term                     | •                      | 31 mg/kg bw/d           |                 |
| Dermal                               | DNEL Worker long-term                     | •                      | 1,161 mg/kg bw/d        |                 |
| Inhalative                           | DNEL Public long-term                     |                        | 106 mg/m <sup>3</sup>   |                 |
|                                      | DNEL Worker long-term                     | local effects          | 600 mg/m³               |                 |
| CAS: 141-                            | -78-6 ethyl acetate                       |                        |                         |                 |
| Oral                                 | DNEL Public long-term                     | systemic               | 4.5 mg/kg bw/d          |                 |
| Dermal                               | DNEL Public long-term                     | systemic               | 37 mg/kg bw/d           |                 |
|                                      | DNEL Worker long-term                     | systemic               | 63 mg/kg bw/d           |                 |
| Inhalative                           | DNEL Worker long-term                     | local effects          | 734 mg/m³               |                 |
|                                      | DNEL Public acute/shor                    | t-term local effects   | 734 mg/m³               |                 |
|                                      | DNEL Worker acute/sho                     | rt-term local effects  | 1,468 mg/m³             |                 |
| · PNECs                              |                                           |                        |                         |                 |
| CAS: 67-6                            | 4-1 acetone                               |                        |                         |                 |
| PNEC STR                             | C                                         | 100 mg/L               |                         |                 |
| PNEC aqu                             | ıa (fresh water)                          | 10.6 mg/L              |                         |                 |
| PNEC aqu                             | ia (intermittent releases)                | 21 mg/L                |                         |                 |
| PNEC aqu                             | ıa (marine water)                         | 1.06 mg/L              |                         |                 |
| PNEC sed                             | liment (fresh water)                      | 30.4 mg/kg             |                         |                 |
| PNEC sed                             | liment (marine water)                     | 3.04 mg/kg             |                         |                 |
| PNEC soil                            |                                           | 29.5 mg/kg             |                         |                 |
| CAS: 78-9                            | 3-3 butanone                              |                        |                         |                 |
| PNEC STR                             | כ                                         | 709 mg/L               |                         |                 |
| PNEC aqu                             | ıa (fresh water)                          | 55.8 mg/L              |                         |                 |
| PNEC aqua (intermittent releases)    |                                           | 55.8 mg/L              |                         |                 |
| PNEC aqua (marine water)             |                                           | 55.8 mg/L              |                         |                 |
| PNEC sediment (marine water) 2       |                                           | 284.7 mg/kg            |                         |                 |
| PNEC soil 22.5                       |                                           | 22.5 mg/kg             |                         |                 |
| CAS: 141-                            | -78-6 ethyl acetate                       |                        |                         |                 |
| PNEC STP                             |                                           | mg/L (650)             |                         |                 |
| PNEC aqua (fresh water) 1            |                                           | 1.125 mg/L             |                         |                 |
| PNEC aqua (intermittent releases) 1. |                                           | 1.65 mg/L              |                         |                 |
| PNEC aqu                             | ia (marine water)                         | 0.026 mg/L             |                         |                 |
|                                      |                                           |                        |                         | (Contd. on page |



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|---------------------------------------------|-------------------------------|-----------------|--|--------------------|
| PNEC sediment (marine water)                |                               | 0.125 mg/kg     |  |                    |
| PNEC soil                                   |                               | 0.24 mg/kg      |  |                    |
| · Ingredients with biological limit values: |                               |                 |  |                    |
| CAS: 67-64-1 aceton                         | e (25-<50%)                   |                 |  |                    |
| BAT (Switzerland) 80 mg/l                   |                               |                 |  |                    |
|                                             | Medium: U                     |                 |  |                    |
|                                             | Sampling tin                  | ne: b           |  |                    |
|                                             | Parameter: Aceton             |                 |  |                    |
| CAS: 78-93-3 butanone (25-<50%)             |                               |                 |  |                    |
| BMGV (Great Britain)                        | IGV (Great Britain) 70 μmol/L |                 |  |                    |
|                                             | Medium: urir                  | ne              |  |                    |
|                                             |                               | ne: post shift  |  |                    |
|                                             | Parameter: I                  | outan-2-one     |  |                    |
| BAT (Switzerland)                           | 2 mg/l                        |                 |  |                    |
|                                             | Medium: U                     |                 |  |                    |
|                                             | Sampling tin                  | ne: b           |  |                    |
|                                             | Parameter: 2                  | 2-Butanon (MEK) |  |                    |

#### · Additional information:

The most current valid lists have been used as a basis for the production of this document.

- · 8.2 Exposure controls
- Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:
- Keep away from food, beverages and petfood. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
- Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A/P2

#### Hand protection



Protective gloves

- · Gloves material : Butyl rubber, BR
- Eye/face protection



Tightly sealed goggles



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## · Body protection:



Protective work clothing

# **SECTION 9: Physical and chemical properties**

| · 9.1 Information on basic physical and chemical properties            |                                                 |  |
|------------------------------------------------------------------------|-------------------------------------------------|--|
| · General Information                                                  |                                                 |  |
| · Physical state                                                       | Liquid                                          |  |
| · Form:                                                                | gel                                             |  |
| · Colour:                                                              | According to product specification              |  |
| · Odour:                                                               | Characteristic                                  |  |
| · Odour threshold:                                                     | Not determined.                                 |  |
| <ul> <li>Melting point/freezing point:</li> </ul>                      | Not determined.                                 |  |
| <ul> <li>Boiling point or initial boiling point and boiling</li> </ul> |                                                 |  |
| range                                                                  | 69 °C                                           |  |
| · Flammability                                                         | Highly flammable.                               |  |
| • Lower and upper explosion limit                                      |                                                 |  |
| · Lower:                                                               | 1.1 Vol %                                       |  |
| · Upper:                                                               | 12 Vol %                                        |  |
| · Flash point:                                                         | -1 °C                                           |  |
| <ul> <li>Auto-ignition temperature:</li> </ul>                         | 390 °C                                          |  |
| <ul> <li>Decomposition temperature:</li> </ul>                         | Not determined.                                 |  |
| · pH                                                                   | Mixture is non-polar/aprotic.                   |  |
|                                                                        | Not determined.                                 |  |
| · Viscosity:                                                           |                                                 |  |
| · Kinematic viscosity                                                  | Not determined.                                 |  |
| · Dynamic at 20 °C:                                                    | 12000 cP                                        |  |
| <sup>.</sup> Solubility                                                |                                                 |  |
| · water:                                                               | Not miscible or difficult to mix.               |  |
| <ul> <li>Partition coefficient n-octanol/water (log value)</li> </ul>  | Not determined.                                 |  |
| <ul> <li>Vapour pressure at 20 °C:</li> </ul>                          | 16020 Pa                                        |  |
| <ul> <li>Density and/or relative density</li> </ul>                    |                                                 |  |
| · Density at 20 °C:                                                    | 0.867 g/cm <sup>3</sup>                         |  |
| · Relative density :                                                   | Not determined.                                 |  |
| · Vapour density :                                                     | Not determined.                                 |  |
| • 9.2 Other information :                                              |                                                 |  |
| Important information on protection of health                          | 1                                               |  |
| and environment, and on safety.                                        |                                                 |  |
| · Ignition temperature:                                                | Product is not self igniting.                   |  |
| • Explosive properties:                                                | Product is not explosive. However, formation of |  |
|                                                                        | explosive air/vapour mixtures are possible.     |  |
|                                                                        |                                                 |  |
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|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| · Solvent content:                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| · COV (CH) :                                              | 60-<125 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Change in condition                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| • Evaporation rate :                                      | Not determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ·Information with regard to physical hazar                | t de la constante de |
| classes                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| · Explosives                                              | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Flammable gases                                         | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Aerosols                                                  | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Oxidising gases                                         | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Gases under pressure                                    | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Flammable liquids                                       | Highly flammable liquid and vapour.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| · Flammable solids                                        | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul> <li>Self-reactive substances and mixtures</li> </ul> | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Pyrophoric liquids                                      | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pyrophoric solids                                         | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul> <li>Self-heating substances and mixtures</li> </ul>  | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Substances and mixtures, which emit flammable           | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| gases in contact with water                               | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Oxidising liquids                                       | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Oxidising solids                                        | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · Organic peroxides                                       | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Corrosive to metals                                       | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <ul> <li>Desensitised explosives</li> </ul>               | Not classified as hazardous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

#### **SECTION 10: Stability and reactivity**

· 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions : No dangerous reactions known.
- **10.4 Conditions to avoid :** No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- **10.6 Hazardous decomposition products:** Hydrogen chloride (HCI) Carbon monoxide and carbon dioxide

# **SECTION 11: Toxicological information**

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

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

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|------------|-----------------------------------------------|-----------------------|-------------------|
| · LD/LC50  | · LD/LC50 values relevant for classification: |                       |                   |
| CAS: 67-6  | 64-1 aceto                                    | one                   |                   |
| Oral       | LD50                                          | 5,800 mg/kg (rat)     |                   |
| Dermal     | LD50                                          | 20,000 mg/kg (rabbit) |                   |
| CAS: 78-9  | CAS: 78-93-3 butanone                         |                       |                   |
| Oral       | LD50                                          | 3,300 mg/kg (rat)     |                   |
| Dermal     | LD50                                          | 5,000 mg/kg (rabbit)  |                   |
| CAS: 141   | CAS: 141-78-6 ethyl acetate                   |                       |                   |
| Oral       | LD50                                          | 5,620 mg/kg (rabbit)  |                   |
| Inhalative | LC50/4 h                                      | 1,600 mg/l (rat)      |                   |

· On the skin: Based on available data, the classification criteria are not met.

· On the eyes: Causes serious eye irritation.

- · Respiratory or skin sensitization Based on available data, the classification criteria are not met.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure May cause drowsiness or dizziness.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

## **SECTION 12: Ecological information**

### · 12.1 Toxicity

· Aquatic toxicity:

CAS: 67-64-1 acetone

LC50 96h 4,740-6,330 mg/l (fish)

EC50 48h 21.6-23.9 mg/l (crustaceans)

CAS: 78-93-3 butanone

LC50 96h >400 mg/l (fish)

EC50 48h 4,025-6,440 mg/l (crustaceans)

• **12.2 Persistence and degradability :** No further relevant information available.

· 12.3 Bioaccumulative potential : No further relevant information available.

- 12.4 Mobility in soil : No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· vPvB: Not applicable.

• 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

• 12.7 Other adverse effects : No further relevant information available.

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#### · Additional ecological information:

### · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage

system.

#### **SECTION 13: Disposal considerations**

#### · 13.1 Waste treatment methods

· Recommendation :



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

| · European | · European waste catalogue                                                                                                                                        |  |  |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 08 00 00   | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF<br>COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS<br>AND PRINTING INKS |  |  |
| 08 04 00   | wastes from MFSU of adhesives and sealants (including waterproofing products)                                                                                     |  |  |
| 08 04 09*  | waste adhesives and sealants containing organic solvents or other hazardous substances                                                                            |  |  |
| HP3        | Flammable                                                                                                                                                         |  |  |
| HP4        | Irritant - skin irritation and eye damage                                                                                                                         |  |  |
| HP5        | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity                                                                                                         |  |  |

· Uncleaned packaging:

• **Recommendation:** Disposal must be made according to official regulations.

• Recommended cleansing agents: Water, if necessary together with cleansing agents.

| SECTION 14: Transport information                                                 |                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul> <li>14.1 UN number or ID number</li> <li>DOT, ADR, IMDG, IATA</li> </ul>     | UN1133                                                                                                                                                                                                                                    |
| <ul> <li>14.2 UN proper shipping name</li> <li>ADR</li> <li>IMDG, IATA</li> </ul> | UN1133 ADHESIVES containing flammable liquid<br>(ACETONE, ETHYL METHYL KETONE (METHYL<br>ETHYL KETONE), ETHYL ACETATE)<br>ADHESIVES containing flammable liquid<br>(ACETONE, ETHYL METHYL KETONE (METHYL<br>ETHYL KETONE), ETHYL ACETATE) |
|                                                                                   | (Contd. on page 12)<br>GB —                                                                                                                                                                                                               |



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|                                                                                                            | (Contd. of page                                                                                     |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| · 14.3 Transport hazard class(es)                                                                          |                                                                                                     |
| ADR                                                                                                        |                                                                                                     |
|                                                                                                            |                                                                                                     |
| Class                                                                                                      | 3 (F1) Flammable liquids.                                                                           |
| · Label                                                                                                    | 3                                                                                                   |
| · IMDG, IATA                                                                                               |                                                                                                     |
|                                                                                                            |                                                                                                     |
| Class                                                                                                      | 3 Flammable liquids.                                                                                |
| · Label                                                                                                    | 3                                                                                                   |
| · 14.4 Packing group<br>· ADR, IMDG, IATA                                                                  | III                                                                                                 |
| · 14.5 Environmental hazards:                                                                              | Not applicable.                                                                                     |
| <ul> <li>14.6 Special precautions for user</li> <li>Hazard identification number (Kemler code):</li> </ul> | Warning: Flammable liquids.<br>-                                                                    |
| EMS Number:                                                                                                | F-E,S-D                                                                                             |
| · Stowage Category                                                                                         | A                                                                                                   |
| 14.7 Maritime transport in bulk according to IM                                                            |                                                                                                     |
| instruments                                                                                                | Not applicable.                                                                                     |
| Transport/Additional information:                                                                          |                                                                                                     |
| ADR                                                                                                        |                                                                                                     |
| Limited quantities (LQ)                                                                                    | 5L                                                                                                  |
| Excepted quantities (EQ)                                                                                   | Code: E1<br>Maximum net quantity per inner packaging: 30 ml                                         |
|                                                                                                            | Maximum net quantity per outer packaging: 1000 m                                                    |
| Transport category                                                                                         | 3                                                                                                   |
| Tunnel restriction code                                                                                    | E                                                                                                   |
| IMDG                                                                                                       |                                                                                                     |
| Limited quantities (LQ)                                                                                    | 5L                                                                                                  |
| Excepted quantities (EQ)                                                                                   | Code: E1                                                                                            |
|                                                                                                            | Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 m |
|                                                                                                            | (Contd. on page                                                                                     |
|                                                                                                            | Genia: on page                                                                                      |



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· UN "Model Regulation": UN 1133 ADHESIVES CONTAINING FLAMMABLE LIQUID (ACETONE, ETHYL METHYL KETONE (METHYL ETHYL KETONE), ETHYL ACETATE), 3, III

#### **SECTION 15: Regulatory information**

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

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- $\cdot$  Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

CAS: 67-64-1 acetone

Regulation (EC) No 273/2004 on drug precursors

CAS: 67-64-1 acetone

CAS: 78-93-3 butanone

 Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

CAS: 67-64-1 acetone

CAS: 78-93-3 butanone

• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Classification in accordance with Delegated Regulation (EU) 2022/692 of 16 February 2022 adapting to technical and scientific progress GB CLP for the 18th time and amending table 3 of Annex VI part 3 of Regulation (EC) 1272/2008.

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3 3

3

3

<sup>-</sup> GB ----



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This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

#### Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### · Classification according to Regulation (EC) No 1272/2008

| Flammable liquids                                | Bridging principles                                         |
|--------------------------------------------------|-------------------------------------------------------------|
| Serious eye damage/irritation                    | The classification of the mixture is generally based on the |
| Specific target organ toxicity (single exposure) | calculation method using substance data according to        |
|                                                  | Regulation (EC) No 1272/2008.                               |

#### Version number of previous version: 1

# Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3