# 3026 PVC Adhesive

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 25/07/2024 Version: 1.1

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Product name | : | 3026 PVC Adhesive |
| Product code | : | 3026 |
| UFI | : | S800-U0RP-S00G-14ME |

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Adhesive

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Polymarine Ltd.
Anglo House
The Airfield
Dalby Road
Melton Mowbray
LE13 0BL
United Kingdom
Telephone: +44 (0)1492 583 322
E-mail: info@polymarine.com

### 1.4. Emergency telephone number

Emergency number : +44 (0) 1492 583 322 (Office hours only, English language only) or NHS 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Flam. Liq. 2 | H225 |
| Eye Irrit. 2 | H319 |
| STOT SE 3 | H336 |

Full text of hazard classes and H-statements : see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :

GHS02 GHS07

| | | |
|---|---|---|
| Signal word (CLP) | : | Danger |
| Contains | : | Butanone; Acetone; Ethyl acetate |
| Hazard statements (CLP) | : | H225 - Highly flammable liquid and vapour.<br>H319 - Causes serious eye irritation.<br>H336 - May cause drowsiness or dizziness. |

| | | |
|---|---|---|
| Precautionary statements (CLP) | : | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P260 - Do not breathe vapours.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear eye protection, protective clothing, protective gloves, face protection.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P501 - Dispose of contents and container to in accordance with national regulations. |
| EUH-statements | : | EUH066 - Repeated exposure may cause skin dryness or cracking. |

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Butanone | (CAS-No.) 78-93-3<br>(EC No.) 201-159-0<br>(EC index No.) 606-002-00-3<br>(REACH-no) 01-2119457290-43-XXXX | 10 - 40 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |
| Acetone | (CAS-No.) 67-64-1<br>(EC No.) 200-662-2<br>(EC index No.) 606-001-00-8<br>(REACH-no) 01-2119471330-49-XXXX | 10 - 30 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |
| Ethyl acetate | (CAS-No.) 141-78-6<br>(EC No.) 205-500-4<br>(EC index No.) 607-022-00-5<br>(REACH-no) 01-2119475103-46-XXXX | 10 - 30 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | | |
|---|---|---|
| First-aid measures general | : | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : | Remove to fresh air, keep the patient warm and at rest. If symptoms develop, obtain medical attention. |
| First-aid measures after skin contact | : | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : | Rinse cautiously with water for several minutes. Ensure that folded skin of eyelids is thoroughly washed with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Give 100 - 200 ml of water to drink. Obtain immediate medical attention. |

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness. Nausea.
Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking. Repeated and/or prolonged skin contact may cause irritation.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : Ingestion may cause discomfort. May cause stomach pain or vomiting if ingested.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam. Carbon dioxide. Dry chemical. For large fire: Water spray.
Unsuitable extinguishing media : Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide. Nitrogen oxides.

### 5.3. Advice for firefighters

Firefighting instructions : Move containers from fire area if you can do it without risk. Cool closed containers exposed to fire with water spray. Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment.
Protection during firefighting : As in any fire, wear self-contained breathing apparatus and full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Remove ignition sources. Ventilate area. Avoid inhalation of vapours. Avoid contact with eyes, skin and clothing. Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required. See Section 8.
Emergency procedures : Remove ignition sources. Use only non-sparking tools. Ventilate area. Avoid inhalation of vapours. Avoid contact with eyes, skin and clothing.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Dam up the liquid spill.
Methods for cleaning up : Use non-sparking tools. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Additional hazards when processed | : | Handle empty containers with care because residual vapours are flammable. |
| Precautions for safe handling | : | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof equipment. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use only outdoors or in a well-ventilated area. Provide good ventilation in process area to prevent formation of vapour. |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse. |

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

| | | |
|---|---|---|
| Storage conditions | : | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in original container. Store tightly closed in a dry, cool and well-ventilated place. |
| Incompatible materials | : | Strong oxidising agents. Strong acids. Strong alkalis. |
| Storage temperature | : | 5 – 25 °C |

### 7.3. Specific end use(s)

Adhesive.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Butanone (78-93-3) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Butanone |
| IOELV TWA (mg/m³) | 600 mg/m³ |
| IOELV TWA (ppm) | 200 ppm |
| IOELV STEL (mg/m³) | 900 mg/m³ |
| IOELV STEL (ppm) | 300 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| **Ireland - Occupational Exposure Limits** | |
| Local name | Methyl ethyl ketone (MEK) |
| OEL (8 hours ref) (mg/m³) | 600 mg/m³ |
| OEL TWA [2] | 200 ppm |
| OEL (15 min ref) (mg/m3) | 900 mg/m³ |
| OEL STEL [ppm] | 300 ppm |
| Notes (IE) | Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body), IOELV (Indicative Occupational Exposure Limit Values) |
| Regulatory reference | Chemical Agents Code of Practice 2020 |
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Butan-2-one (methyl ethyl ketone) |

| Butanone (78-93-3) | |
|---|---|
| WEL TWA (mg/m³) | 600 mg/m³ |
| WEL TWA (ppm) | 200 ppm |
| WEL STEL (mg/m³) | 899 mg/m³ |
| WEL STEL (ppm) | 300 ppm |
| Remark (WEL) | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| **United Kingdom - Biological limit values** | |
| Local name | Butan-2-one (methyl ethyl ketone) |
| BMGV | 70 µmol/l Parameter: butan-2-one - Medium: urine - Sampling time: Post shift |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| Acetone (67-64-1) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Acetone |
| IOELV TWA (mg/m³) | 1210 mg/m³ |
| IOELV TWA (ppm) | 500 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| **Ireland - Occupational Exposure Limits** | |
| Local name | Acetone |
| OEL (8 hours ref) (mg/m³) | 1210 mg/m³ |
| OEL TWA [2] | 500 ppm |
| Notes (IE) | IOELV (Indicative Occupational Exposure Limit Values) |
| Regulatory reference | Chemical Agents Code of Practice 2020 |
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Acetone |
| WEL TWA (mg/m³) | 1210 mg/m³ |
| WEL TWA (ppm) | 500 ppm |
| WEL STEL (mg/m³) | 3620 mg/m³ |
| WEL STEL (ppm) | 1500 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

| Ethyl acetate (141-78-6) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Ethyl acetate |
| IOELV TWA (mg/m³) | 734 mg/m³ |
| IOELV TWA (ppm) | 200 ppm |
| IOELV STEL (mg/m³) | 1468 mg/m³ |
| IOELV STEL (ppm) | 400 ppm |
| Regulatory reference | COMMISSION DIRECTIVE (EU) 2017/164 |

| Ethyl acetate (141-78-6) | |
|---|---|
| **Ireland - Occupational Exposure Limits** | |
| Local name | Ethyl acetate |
| OEL (8 hours ref) (mg/m³) | 734 mg/m³ |
| OEL TWA [2] | 200 ppm |
| OEL (15 min ref) (mg/m3) | 1468 mg/m³ |
| OEL STEL [ppm] | 400 ppm |
| Notes (IE) | IOELV (Indicative Occupational Exposure Limit Values) |
| Regulatory reference | Chemical Agents Code of Practice 2020 |
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Ethyl acetate |
| WEL TWA (mg/m³) | 734 mg/m³ |
| WEL TWA (ppm) | 200 ppm |
| WEL STEL (mg/m³) | 1468 mg/m³ |
| WEL STEL (ppm) | 400 ppm |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

| Butanone (78-93-3) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 1161 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 600 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 31 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 106 mg/m³ |
| Long-term - systemic effects, dermal | 412 mg/kg bodyweight/day |
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 55.8 mg/l |
| PNEC aqua (marine water) | 55.8 mg/l |
| PNEC aqua (intermittent, freshwater) | 55.8 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 284.74 mg/kg dwt |
| PNEC sediment (marine water) | 284.74 mg/kg dwt |
| **PNEC (Soil)** | |
| PNEC soil | 22.5 mg/kg dwt |
| **PNEC (Oral)** | |
| PNEC oral (secondary poisoning) | 1000 mg/kg food |

| PNEC (STP) | |
|---|---|
| PNEC sewage treatment plant | 709 mg/l |

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**
Provide good ventilation in process area to prevent formation of vapour. If user operations generate vapour or dust, use process enclosures, local exhaust ventilation or other engineering controls to minimise worker exposure. Ensure exposure is below occupational exposure limits (where available). Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**
Avoid all unnecessary exposure.

##### 8.2.2.1. Eye and face protection

| Eye protection: |
|---|
| Safety goggles. Standard EN 166 - Personal eye-protection. |

##### 8.2.2.2. Skin protection

| Skin and body protection: |
|---|
| Long-sleeved protective clothing |

| Hand protection: |
|---|
| Wear protective gloves if skin contact is possible. Standard EN 374 - Protective gloves against chemicals. Recommended: Nitrile rubber gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough. |

##### 8.2.2.3. Respiratory protection

| Respiratory protection: |
|---|
| In case of insufficient ventilation, wear suitable respiratory equipment. Type ABEK-P3 filter is recommended. Standard EN 14387 - Gas filter(s), combined filter(s) and full face mask - EN 136. |

##### 8.2.2.4. Thermal hazards

**Thermal hazard protection:**
Not required for normal conditions of use.

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment. Assure that emissions are compliant with all applicable air pollution control regulations. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Other information:**
Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Appearance | : | Liquid. |
| Colour | : | Various |
| Odour | : | Acetone. |

| | | |
|---|---|---|
| Odour threshold | : | No data available |
| pH | : | Not applicable |
| Relative evaporation rate (butylacetate=1) | : | No data available |
| Melting point | : | No data available |
| Freezing point | : | No data available |
| Boiling point | : | 56 °C approx. |
| Flash point | : | -18 °C approx. (closed cup) |
| Auto-ignition temperature | : | 515 °C |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | Not applicable |
| Vapour pressure | : | No data available |
| Relative vapour density at 20 °C | : | No data available |
| Relative density | : | 0.86 approx. (20°C), (Water = 1) |
| Solubility | : | In water, material is partially soluble. |
| Log Pow | : | No data available |
| Viscosity, kinematic | : | > 20.5 mm²/s |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | May form flammable/explosive vapour-air mixture. |
| Oxidising properties | : | Not oxidising. |
| Explosive limits | : | 1.8 – 13 vol % |

### 9.2. Other information

VOC content : ≤ 700 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7). Highly flammable liquid and vapour.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

May form flammable/explosive vapour-air mixture.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Strong oxidising agents. Strong acids. Strong alkalis.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |
| Additional information | : | Based on available data, the classification criteria are not met |

| Butanone (78-93-3) | |
|---|---|
| LD50 oral, rat | 2193 mg/kg bw/day (Read-across, CAS 78-92-2) |

| | |
|---|---|
| LD50 dermal, rabbit | > 10 ml/kg |

| Acetone (67-64-1) | |
|---|---|
| LD50 oral, rat | 5800 mg/kg bodyweight |

| Ethyl acetate (141-78-6) | |
|---|---|
| LD50 dermal, rabbit | > 20000 mg/kg bodyweight |
| LC50 inhalation, rat (ppm) | > 6000 ppm - 6 Hours |

Skin corrosion/irritation : Not classified
Additional information : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified
Additional information : Based on available data, the classification criteria are not met
Carcinogenicity : Not classified
Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified
Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : May cause drowsiness or dizziness.

| Butanone (78-93-3) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| Acetone (67-64-1) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| Ethyl acetate (141-78-6) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

STOT-repeated exposure : Not classified
Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified
Additional information : Based on available data, the classification criteria are not met

| 3026 PVC Adhesive | |
|---|---|
| Viscosity, kinematic | > 20.5 mm²/s |

Potential adverse human health effects and symptoms : Causes serious eye irritation, May cause drowsiness or dizziness, Nausea,Ingestion may cause discomfort, May cause stomach pain or vomiting if ingested, Repeated and/or prolonged skin contact may cause irritation, Repeated exposure may cause skin dryness or cracking.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Butanone (78-93-3) | |
|---|---|
| LC50 fish | 2993 mg/l - 96 Hours (Pimephales promelas) |
| EC50 Daphnia | 308 mg/l - 48 Hours (Daphnia magna) |
| ErC50 algae | 1972 mg/l - 96 Hours (Pseudokirchneriella subcapitata) |
| NOEC chronic algae | 1240 mg/l - 96 Hours (Pseudokirchneriella subcapitata) |

| Acetone (67-64-1) | |
|---|---|
| LC50 fish | 5540 mg/l - 96 Hours (Oncorhynchus mykiss) |
| LC50 other aquatic organisms | 8800 mg/l - 48 Hours (Daphnia pulex) |
| NOEC chronic crustacea | 2212 mg/l -28 days (Daphnia pulex, reproduction) |
| NOEC chronic algae | 530 mg/l - 8 days (Microcystis aeruginosa, Biomass) |

| Ethyl acetate (141-78-6) | |
|---|---|
| LC50 fish | 230 mg/l - 96 Hours (Pimephales promelas)(US EPA E03-05) |
| NOEC chronic fish | > 100 mg/l - 72 Hours (Desmodesmus subspicatus) |
| NOEC chronic crustacea | 2.4 mg/l - 21 days (Daphnia magna)(OECD 211 method) |
| NOEC, algae | > 100 mg/l (72 Hours, Desmodesmus subspicatus, Growth rate (OECD 201 method)) |

## 12.2. Persistence and degradability

| 3026 PVC Adhesive | |
|---|---|
| Persistence and degradability | No information available. |

| Butanone (78-93-3) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |

| Acetone (67-64-1) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 90 % -28 days (OECD 301B method) |

| Ethyl acetate (141-78-6) | |
|---|---|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | ≈ 62 % - 10 days (O2 consumption) |

## 12.3. Bioaccumulative potential

| 3026 PVC Adhesive | |
|---|---|
| Bioaccumulative potential | No information available. |

| Butanone (78-93-3) | |
|---|---|
| Log Pow | 0.3 (40°C) |

| Acetone (67-64-1) | |
|---|---|
| Log Pow | -0.23 (calculated value) |
| Bioaccumulative potential | Based on the n-octanol/water partition coefficient accumulation in organisms is not expected. |

| Ethyl acetate (141-78-6) | |
|---|---|
| BCF - Fish [1] | 30 Leuciscus idus melanotus |
| Log Pow | 0.68 (25 °C, pH 7) |
| Bioaccumulative potential | Low bioaccumulation potential. |

### 12.4. Mobility in soil

| 3026 PVC Adhesive | |
|---|---|
| Ecology - soil | No information available. |

| Butanone (78-93-3) | |
|---|---|
| Ecology - soil | Miscible with water. |

| Acetone (67-64-1) | |
|---|---|
| Mobility in soil | Mobile |
| Ecology - soil | Miscible with water. |

| Ethyl acetate (141-78-6) | |
|---|---|
| Ecology - soil | Miscible with water. |

### 12.5. Results of PBT and vPvB assessment

| 3026 PVC Adhesive |
|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. The correct waste code must be determined by the producer of the waste, based on how the waste has been produced.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

## 14.1 UN number

| | | |
|---|---|---|
| UN-No. (ADR) | : | UN 1133 |
| UN-No. (IMDG) | : | UN 1133 |
| UN-No. (IATA) | : | UN 1133 |

## 14.2. UN proper shipping name

| | | |
|---|---|---|
| Proper Shipping Name | : | ADHESIVES |
| Proper Shipping Name (IMDG) | : | ADHESIVES |
| Proper Shipping Name (IATA) | : | Adhesives |
| Transport document description (ADR) | : | UN 1133 ADHESIVES, 3, II, (D/E) |
| Transport document description (IMDG) | : | UN 1133 ADHESIVES, 3, II |
| Transport document description (IATA) | : | UN 1133 Adhesives, 3, II |

## 14.3. Transport hazard class(es)

**ADR**

| | | |
|---|---|---|
| Transport hazard class(es) (ADR) | : | 3 |
| Hazard labels | : | 3 |

:

**IMDG**

| | | |
|---|---|---|
| Transport hazard class(es) (IMDG) | : | 3 |
| Danger labels (IMDG) | : | 3 |

:

**IATA**

| | | |
|---|---|---|
| Transport hazard class(es) (IATA) | : | 3 |
| Danger labels (IATA) | : | 3 |

:

## 14.4. Packing group

| | | |
|---|---|---|
| Packing group | : | II |
| Packing group (IMDG) | : | II |
| Packing group (IATA) | : | II |

## 14.5. Environmental hazards

| | | |
|---|---|---|
| Dangerous for the environment | : | No |
| Marine pollutant | : | No |
| Other information | : | No supplementary information available |

## 14.6. Special precautions for user

**Overland transport**

Tunnel restriction code (ADR) : D/E

**Transport by sea**

No data available

**Air transport**

No data available

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

| Authorisations and/or restrictions on use (Annex XVII): | | |
|---|---|---|
| Reference code | Applicable on | Entry title or description |
| 3. | 3026 PVC Adhesive ; Butanone ; Acetone ; Ethyl acetate | Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 |
| 3(a) | 3026 PVC Adhesive ; Butanone ; Acetone ; Ethyl acetate | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F |
| 3(b) | 3026 PVC Adhesive ; Butanone ; Acetone ; Ethyl acetate | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 40. | 3026 PVC Adhesive ; Butanone ; Acetone ; Ethyl acetate | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : ≤ 700 g/l

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| **Abbreviations and acronyms:** | |
|---|---|
| | ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route) |
| | BCF (Bioconcentration factor) |
| | CAS (Chemical Abstracts Service) number |
| | CLP (Classification, Labeling and Packaging) |
| | DNEL (Derived No Effect Level) |
| | EC (European Community) |
| | EC50 (Effective Concentration 50%) |

| | |
|---|---|
| | EN (European Norm) |
| | IARC (International Agency for Research on Cancer) |
| | IATA (International Air Transport Association) |
| | IBC (Intermediate Bulk Container) |
| | IMDG (International Maritime Dangerous Goods Code) |
| | IOELV (Indicative Occupational Exposure Limit) |
| | Koc (Soil adsorption coefficient) |
| | LC50 (Lethal Concentration 50%) |
| | LD50 (Lethal Dose 50%) |
| | OECD (Organisation for Economic Co-operation and Development) |
| | OEL (Occupational exposure limit) |
| | NOEC (No Observed Effect Concentration) |
| | PBT (Persistent, Bioaccumulative and Toxic) |
| | PNEC (Predicted No Effect Concentration) |
| | QSAR (Quantitative Structure-Activity Relationship) |
| | REACH (Registration, Evaluation and Authorisation of CHemicals) |
| | SCOEL (Scientific Committee on Occupational Exposure Limits) |
| | STEL (Short Term Exposure Limit) |
| | STP (Sewage treatment plant) |
| | TWA (Time Weighted Average) |
| | UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods) |
| | UVCB (Unknown or Variable composition, Complex reaction products or Biological materials) |
| | vPvB (very Persistent and very Bioaccumulative) |
| | WAF (Water Accommodated Fraction) |

Data sources : 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.

Other information : Classification procedure according to Regulation (EC) No. 1272/2008 [CLP]: Physical hazards: On basis of test data. Health hazards: Calculation method. Environmental hazards: Calculation method.

| **Full text of H- and EUH-statements:** | |
|---|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| 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. |

| | |
|---|---|
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