



CHESTNUT
P R O D U C T S

SAFETY DATA SHEET
Acrylic Sanding Sealer Aerosol

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name Acrylic Sanding Sealer Aerosol

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

Identified uses Air drying paint/lacquer product for interior use.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Chestnut Products
PO BOX 260,
Stowmarket,
IP14 9BX
+44 (0) 1473 890118
+44 (0) 1473 206522
mailroom@chestnutproducts.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1473 425878 (09:00-17:00 Mon- Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

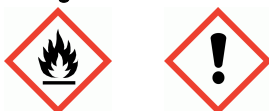
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) F+; R12. Xi; R36. R66, R67

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Acrylic Sanding Sealer Aerosol

| | |
|---|---|
| Precautionary statements | <p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p> |
| Supplemental label information | EUH066 Repeated exposure may cause skin dryness or cracking. |
| Contains | Acetone, Propan-2-ol, Butanone, 1-Methoxy-2-propanol |
| Supplementary precautionary statements | <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> |

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|--|--|--|
| Petroleum gases, liquefied <0.1% 1,3 butadiene | | 25 - <50% |
| CAS number: 68476-85-7 | EC number: 270-704-2 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Gas 1 - H220 | F+; R12 | |
| Press. Gas, Liquefied - H280 | | |
| Acetone | | 25 - <50% |
| CAS number: 67-64-1 | EC number: 200-662-2 | REACH registration number: Proprietary |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 2 - H225 | F; R11. Xi; R36. R66, R67 | |
| Eye Irrit. 2 - H319 | | |
| STOT SE 3 - H336 | | |
| Propan-2-ol | | 10 - <25% |
| CAS number: 67-63-0 | EC number: 200-661-7 | REACH registration number: Proprietary |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 2 - H225 | F; R11. Xi; R36. R67 | |
| Eye Irrit. 2 - H319 | | |
| STOT SE 3 - H336 | | |

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| | |
|---|---|
| Butanone | 2.5 - <5% |
| CAS number: 78-93-3 | EC number: 201-159-0 |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 | Classification (67/548/EEC or 1999/45/EC) F; R11. Xi; R36. R66, R67 |
| 2-Methoxy-1-methylethyl acetate | 2.5 - <5% |
| CAS number: 108-65-6 | EC number: 203-603-9 |
| Classification Flam. Liq. 3 - H226 | Classification (67/548/EEC or 1999/45/EC) R10 |
| Xylene | 2.5 - <5% |
| CAS number: 1330-20-7 | EC number: 215-535-7 |
| | REACH registration number: Proprietary |
| Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 | Classification (67/548/EEC or 1999/45/EC) Xn; R20/21. Xi; R38. R10 |
| 2-Butoxyethanol | 2.5 - <5% |
| CAS number: 111-76-2 | EC number: 203-905-0 |
| Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 | Classification (67/548/EEC or 1999/45/EC) Xn; R20/21/22. Xi; R36/38 |
| 1-Methoxy-2-propanol | 1 - <2.5% |
| CAS number: 107-98-2 | EC number: 203-539-1 |
| Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 | Classification (67/548/EEC or 1999/45/EC) R10, R67 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

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| | |
|-----------------------------------|--|
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention. |
| Ingestion | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention. |
| Skin contact | Wash skin thoroughly with soap and water. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse with water. Do not rub eye. Get medical attention promptly if symptoms occur after washing. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

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

| | |
|----------------------------|--|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect. |
| Ingestion | Due to the physical nature of this product, it is unlikely that ingestion will occur. May cause nausea, headache, dizziness and intoxication. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Eye contact | Irritating to eyes. |

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

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|--|
| Specific hazards | Containers can burst violently or explode when heated, due to excessive pressure build-up. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Forms explosive mixtures with air. |
| Hazardous combustion products | Hydrocarbons. Carbon monoxide (CO). Carbon dioxide (CO ₂). |

5.3. Advice for firefighters

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| | |
|--|--|
| Protective actions during firefighting | Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|--|
| Personal precautions | Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate area. Risk of explosion. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Promptly remove any clothing that becomes contaminated. |
|-----------------------------|--|

6.2. Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | Avoid discharge into drains or watercourses or onto the ground. |
|----------------------------------|---|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for cleaning up | Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Do not allow material to enter confined spaces, due to the risk of explosion. Flush contaminated area with plenty of water. For waste disposal, see Section 13. Wash thoroughly after dealing with a spillage. |
|--------------------------------|---|

6.4. Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13. |
|------------------------------------|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------|---|
| Usage precautions | Keep out of the reach of children. Read and follow manufacturer's recommendations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid exposing aerosol containers to high temperatures or direct sunlight. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. |
|--------------------------|---|

| | |
|---|--|
| Advice on general occupational hygiene | Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. |
|---|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|---|
| Storage precautions | Store locked up. Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F. Protect containers from damage. |
|----------------------------|---|

| | |
|----------------------|-------------------|
| Storage class | Chemical storage. |
|----------------------|-------------------|

7.3. Specific end use(s)

Acrylic Sanding Sealer Aerosol

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Petroleum gases, liquefied <0.1% 1,3 butadiene

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Butanone

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m³

Sk

2-Methoxy-1-methylethyl acetate

Long-term exposure limit (8-hour TWA): WEL 50 ppm 274 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 548 mg/m³

Sk

Xylene

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

2-Butoxyethanol

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

1-Methoxy-2-propanol

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Acetone (CAS: 67-64-1)

DNEL

Workers - Inhalation; Short term local effects: 2420 mg/m³

Workers - Inhalation; Long term systemic effects: 1210 mg/m³

Workers - Dermal; Long term systemic effects: 186 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 200 mg/m³

Consumer - Dermal; Long term systemic effects: 62 mg/kg/day

Consumer - Oral; Long term systemic effects: 62 mg/kg/day

PNEC

- Fresh water; 10.6 mg/l

- Marine water; 1.06 mg/l

- Intermittent release; 21 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 30.4 mg/kg

- Sediment (Marinewater); 3.04 mg/kg

- Soil; 29.5 mg/kg

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Propan-2-ol (CAS: 67-63-0)

DNEL Industry - Dermal; Long term systemic effects: 888 mg/kg/day
Industry - Inhalation; Long term systemic effects: 500 mg/m³
Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 89 mg/m³
Consumer - Oral; Long term systemic effects: 26 mg/kg/day

PNEC - Fresh water; 140.9 mg/l
- Marine water; 140.9 mg/l
- Intermittent release; 140.9 mg/l
- Sediment (Freshwater); 552 mg/kg
- Sediment (Marinewater); 552 mg/kg
- STP; 2251 mg/l
- Soil; 28 mg/kg

Butanone (CAS: 78-93-3)

DNEL Workers - Dermal; Long term systemic effects: 1161 mg/kg/day
Workers - Inhalation; Long term systemic effects: 600 mg/m³
Consumer - Dermal; Long term systemic effects: 412 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 106 mg/m³
Consumer - Oral; Long term systemic effects: 31 mg/kg/day

PNEC - Fresh water; 55.8 mg/l
- Marine water; 55.8 mg/l
- Intermittent release; 55.8 mg/l
- STP; 709 mg/l
- Sediment (Freshwater); 284.7 mg/kg
- Sediment (Marinewater); 284.7 mg/kg
- Soil; 22.5 mg/kg

2-Methoxy-1-methylethyl acetate (CAS: 108-65-6)

DNEL Consumer - Oral; Long term systemic effects: 1.67 mg/kg/day
Consumer - Dermal; Long term systemic effects: 54.8 mg/kg/day
Industry - Dermal; Long term systemic effects: 153.5 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 33 mg/m³
Industry - Inhalation; Long term systemic effects: 275 mg/m³

PNEC - Fresh water; 0.635 mg/l
- Sediment (Freshwater); 3.29 mg/kg
- Sediment (Marinewater); 0.329 mg/kg
- Soil; 0.29 mg/kg

2-Butoxyethanol (CAS: 111-76-2)

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DNEL

Consumer - Oral; Long term systemic effects: 3.2 mg/kg/day
 Consumer - Dermal; Short term systemic effects: 44.5 mg/kg/day
 Industry - Dermal; Short term systemic effects: 89 mg/kg/day
 Consumer - Dermal; Long term systemic effects: 38 mg/kg/day
 Industry - Dermal; Long term systemic effects: 75 mg/kg/day
 Consumer - Inhalation; Short term local effects: 123 mg/m³
 Consumer - Inhalation; Short term systemic effects: 426 mg/m³
 Industry - Inhalation; Short term systemic effects: 246 mg/m³
 Consumer - Inhalation; Long term systemic effects: 49 mg/m³

PNEC

- Fresh water; 8.8 mg/l
- Sediment (Freshwater); 34.6 mg/kg
- Marine water; 0.88 mg/l
- Sediment (Marinewater); 3.46 mg/kg
- STP; 463 mg/l
- Soil; 2.8 mg/kg

Xylene (CAS: 1330-20-7)

DNEL

Workers - Inhalation; Short term local effects: 289 mg/m³
 Workers - Inhalation; Short term systemic effects: 289 mg/m³
 Workers - Inhalation; Long term systemic effects: 77 mg/m³
 Workers - Dermal; Long term systemic effects: 180 mg/kg/day
 Consumer - Inhalation; Short term local effects: 174 mg/m³
 Consumer - Inhalation; Short term systemic effects: 174 mg/m³
 Consumer - Inhalation; Long term systemic effects: 14.8 mg/m³
 Consumer - Dermal; Long term systemic effects: 108 mg/kg/day
 Consumer - Oral; Long term systemic effects: 1.6 mg/kg/day

PNEC

- Fresh water; 0.327 mg/l
- Marine water; 0.327 mg/l
- Intermittent release; 0.327 mg/l
- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg

1-Methoxy-2-propanol (CAS: 107-98-2)

DNEL

Industry - Inhalation; Short term local effects: 553.5 mg/m³
 Industry - Dermal; Long term systemic effects: 50.6 mg/kg/day
 Industry - Inhalation; Long term systemic effects: 369 mg/m³
 Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day
 Consumer - Inhalation; Long term systemic effects: 43.9 mg/m³
 Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day

PNEC

- Fresh water; 10 mg/l
- Marine water; 1 mg/l
- Sediment (Freshwater); 41.6 mg/kg
- Soil; 2.47 mg/kg
- Intermittent release; 100 mg/l
- Sediment (Marinewater); 4.17 mg/kg

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Respiratory protection

Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | Aerosol. |
| Colour | Colourless. |
| Odour | Solvent. |
| Odour threshold | Not available. |
| pH | Not available. |
| Melting point | Not available. |
| Initial boiling point and range | -41°C |
| Flash point | -40°C |
| Evaporation rate | Not available. |
| Evaporation factor | Not available. |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 0.8% Upper flammable/explosive limit: 13.1% |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | 0.69 |
| Solubility(ies) | Not known. |
| Partition coefficient | Not available. |
| Auto-ignition temperature | 230°C |

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| | |
|----------------------------------|---|
| Decomposition Temperature | Not available. |
| Viscosity | Not applicable. |
| Explosive properties | Not considered to be explosive. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

| | |
|--------------------------|--------------------------|
| Other information | No information required. |
|--------------------------|--------------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|-------------------|------------------------------------|
| Reactivity | Forms explosive mixtures with air. |
|-------------------|------------------------------------|

10.2. Chemical stability

| | |
|------------------|--|
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. Highly volatile. |
|------------------|--|

10.3. Possibility of hazardous reactions

| | |
|---|--|
| Possibility of hazardous reactions | The following materials may react strongly with the product: Oxidising agents. |
|---|--|

10.4. Conditions to avoid

| | |
|----------------------------|---|
| Conditions to avoid | Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated |
|----------------------------|---|

10.5. Incompatible materials

| | |
|---------------------------|--|
| Materials to avoid | Avoid contact with the following materials: Strong oxidising agents. |
|---------------------------|--|

10.6. Hazardous decomposition products

| | |
|---|--|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |
|---|--|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

| | |
|-------------------------------------|--|
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. |
|-------------------------------------|--|

| | |
|-------------------------|----------|
| ATE oral (mg/kg) | 58,200.0 |
|-------------------------|----------|

Acute toxicity - dermal

| | |
|---------------------------------------|--|
| Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. |
|---------------------------------------|--|

| | |
|---------------------------|-----------|
| ATE dermal (mg/kg) | 18,333.33 |
|---------------------------|-----------|

Acute toxicity - inhalation

| | |
|---|--|
| Notes (inhalation LC₅₀) | Based on available data the classification criteria are not met. |
|---|--|

| | |
|--------------------------------------|--------|
| ATE inhalation (vapours mg/l) | 183.33 |
|--------------------------------------|--------|

Skin corrosion/irritation

| | |
|--------------------|---|
| Animal data | Repeated exposure may cause skin dryness or cracking. |
|--------------------|---|

Serious eye damage/irritation

| | |
|--------------------------------------|--------------------------------|
| Serious eye damage/irritation | Causes serious eye irritation. |
|--------------------------------------|--------------------------------|

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Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

Contains a substance which may be potentially carcinogenic. IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness.

Target organs

Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.

Ingestion

Due to the physical nature of this product, it is unlikely that ingestion will occur. May cause nausea, headache, dizziness and intoxication.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Eye contact

Irritating to eyes.

Route of entry

Ingestion Inhalation Skin and/or eye contact

Target organs

Central nervous system

Toxicological information on ingredients.

Acetone

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,800.0

Species Rat

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| | |
|---|--|
| Notes (oral LD₅₀) | REACH dossier information. Based on available data the classification criteria are not met. |
| ATE oral (mg/kg) | 5,800.0 |
| <u>Acute toxicity - dermal</u> | |
| Acute toxicity dermal (LD₅₀ mg/kg) | 7,427.0 |
| Species | Rabbit |
| Notes (dermal LD₅₀) | REACH dossier information. Based on available data the classification criteria are not met. |
| ATE dermal (mg/kg) | 7,427.0 |
| <u>Acute toxicity - inhalation</u> | |
| Acute toxicity inhalation (LC₅₀ gases ppmV) | 54,000.0 |
| Species | Rat |
| Acute toxicity inhalation (LC₅₀ vapours mg/l) | 128.0 |
| Species | Rat |
| Notes (inhalation LC₅₀) | REACH dossier information. Based on available data the classification criteria are not met. |
| ATE inhalation (gases ppm) | 54,000.0 |
| ATE inhalation (vapours mg/l) | 128.0 |
| <u>Skin corrosion/irritation</u> | |
| Human skin model test | Repeated exposure may cause skin dryness or cracking. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Gene mutation: Negative. REACH dossier information. This substance has no evidence of mutagenic properties. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | NOEL 0.1 ml, Dermal, Mouse REACH dossier information. Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - development | Maternal toxicity: - NOAEC: 2200 ppm, Inhalation, Rat No evidence of reproductive toxicity in animal studies. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | STOT SE 3 - H336 Vapours may cause drowsiness and dizziness. |

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Target organs Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 20000 ppm, Oral, Mouse REACH dossier information. Not classified as a specific target organ toxicant after repeated exposure.

Propan-2-ol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,840.0

Species Rat

Notes (oral LD₅₀) REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg) 5,840.0

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity NOEL 5000 ppm, Inhalation, Mouse REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility One-generation study - NOAEL 1000 mg/kg/day, Oral, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity - development Developmental toxicity: - NOAEL: 480 mg/kg/day, Oral, Rabbit REACH dossier information. Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

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STOT - repeated exposure NOAEC 5000 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

Butanone

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,054.0

Species Rat

Notes (oral LD₅₀) REACH dossier information. Based on available data the classification criteria are not met.

ATE oral (mg/kg) 2,054.0

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Genotoxicity - in vivo Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL 10000 mg/l, Oral, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity - development Maternal toxicity: - NOAEC: 1002 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

Acrylic Sanding Sealer Aerosol

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC 5041 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Based on available data the classification criteria are not met.

Ecological information on ingredients.

Acetone

Toxicity Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.

Acute toxicity - fish LC₅₀, 96 hours: 6210 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 8800 mg/l, Daphnia pulex REACH dossier information.

Acute toxicity - aquatic plants NOEC, 8 days: 530 mg/l, Microcystis aeruginosa REACH dossier information.

Acute toxicity - microorganisms EC₁₂, 30 minutes: 1000 mg/l, Activated sludge REACH dossier information.

Chronic toxicity - aquatic invertebrates NOEC, 28 days: 1106 - 2212 mg/l, Daphnia magna
LOEC, 28 days: 2212 mg/l, Daphnia magna
REACH dossier information.

Propan-2-ol

Toxicity Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.

Acute toxicity - fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates LC₅₀, 24 hours: >10000 mg/l, Daphnia magna

Acute toxicity - aquatic plants Toxicity threshold, 7 days: 1800 mg/l, Scenedesmus quadricauda

Butanone

Acrylic Sanding Sealer Aerosol

| | |
|---|---|
| Toxicity | Based on available data the classification criteria are not met. |
| Acute toxicity - fish | LC ₅₀ , 96 hours: 2993 mg/l, Pimephales promelas (Fat-head Minnow) |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: 308 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | EC ₅₀ , 96 hours: 2029 mg/l, Selenastrum capricornutum |

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Ecological information on ingredients.

Acetone

| | |
|--------------------------------------|--|
| Persistence and degradability | The product is readily biodegradable. |
| Phototransformation | Air - DT ₅₀ : 10 days REACH dossier information. |
| Biodegradation | Water - Degradation (90.9%): 28 days REACH dossier information. |

Propan-2-ol

| | |
|--------------------------------------|---------------------------------------|
| Persistence and degradability | The product is readily biodegradable. |
| Biodegradation | Water - Degradation 53%: 5 days |

Butanone

| | |
|--------------------------------------|---------------------------------------|
| Persistence and degradability | The product is readily biodegradable. |
| Biodegradation | Water - Degradation 98%: 28 days |

12.3. Bioaccumulative potential

| | |
|----------------------------------|---------------------------------------|
| Bioaccumulative potential | No data available on bioaccumulation. |
| Partition coefficient | Not available. |

Ecological information on ingredients.

Acetone

| | |
|------------------------------|---|
| Partition coefficient | log Pow: -0.24 REACH dossier information. |
|------------------------------|---|

Propan-2-ol

| | |
|----------------------------------|---------------------------------------|
| Bioaccumulative potential | No data available on bioaccumulation. |
|----------------------------------|---------------------------------------|

Butanone

| | |
|----------------------------------|---------------------------------------|
| Bioaccumulative potential | No data available on bioaccumulation. |
|----------------------------------|---------------------------------------|

Acrylic Sanding Sealer Aerosol

Partition coefficient log Pow: 0.3

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

Acetone

Mobility The product is soluble in water.
Henry's law constant 2.929 Pa m³/mol @ 25°C REACH dossier information.
Surface tension 23700 mN/m @ 20°C REACH dossier information.

Propan-2-ol

Mobility Mobile.

Butanone

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

Acetone

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Propan-2-ol

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Butanone

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Acrylic Sanding Sealer Aerosol

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |
| UN No. (ADN) | 1950 |

14.2. UN proper shipping name

| | |
|--------------------------------|----------|
| Proper shipping name (ADR/RID) | AEROSOLS |
| Proper shipping name (IMDG) | AEROSOLS |
| Proper shipping name (ICAO) | AEROSOLS |
| Proper shipping name (ADN) | AEROSOLS |

14.3. Transport hazard class(es)

| | |
|-----------------------------|-----|
| ADR/RID class | 2.1 |
| ADR/RID classification code | 5F |
| ADR/RID label | 2.1 |
| IMDG class | 2.1 |
| ICAO class/division | 2.1 |
| ADN class | 2.1 |

Transport labels



14.4. Packing group

| | |
|-----------------------|------|
| ADR/RID packing group | None |
| IMDG packing group | None |
| ADN packing group | None |
| ICAO packing group | None |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Acrylic Sanding Sealer Aerosol

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
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 (as amended).
Dangerous Preparations Directive 1999/45/EC.
Dangerous Substances Directive 67/548/EEC.
Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Classification procedures according to Regulation (EC) 1272/2008 STOT SE 3 - H336: Eye Irrit. 2 - H319: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.

Training advice Read and follow manufacturer's recommendations.

Revision comments Classification according to EC 1272/2008 (CLP).

Revision date 21/05/2015

Revision 4

Supersedes date 16/05/2014

Acrylic Sanding Sealer Aerosol

| | |
|----------------------------------|--|
| SDS number | 2850 |
| Risk phrases in full | R10 Flammable. R11 Highly flammable. R12 Extremely flammable. R20/21 Harmful by inhalation and in contact with skin. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness. |
| Hazard statements in full | H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. |

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