

SAFETY DATA SHEET

Premiumfol EPDM Spraybond Aerosol

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Premiumfol EPDM Spraybond Aerosol
Container size 750ml
REACH registration notes All chemicals used in this product have been registered under REACH where required.

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

Identified uses Adhesive.
Uses advised against Flexible PVC due to the risk of plasticiser migration.

1.3. Details of the supplier of the safety data sheet

Supplier Berdal Rubber & Plastics B.V.
Bedrijvenpark Twente 193
7602 KG Almelo
The Netherlands
Tel: +31 (0)546 572672
Fax: +31 (0)546 575635
E-Mail: sales@berdal.com

1.4. Emergency telephone number

Emergency telephone Tel: +31 (0)546 572672 (Mon - Fri 09:00 - 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



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.
H412 Harmful to aquatic life with long lasting effects.

| | |
|--|---|
| Precautionary statements | <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</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 | Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane, ACETONE, METHYL ACETATE, TOLUENE |
| Supplementary precautionary statements | <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</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> |

2.3. Other hazards

Containers should be thoroughly emptied before disposal because of the risk of an explosion. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. In use may form flammable/explosive vapour-air mixture. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. This product does not contain any substances classified as PBT or vPvB. Vapours in high concentrations are narcotic.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|--|-----------------------------|--|
| <p>DIMETHYL ETHER</p> <p>CAS number: 115-10-6</p> | <p>EC number: 204-065-8</p> | <p>30-60%</p> <p>REACH registration number: 012119472128-37-XXXX</p> |
| <p>Classification</p> <p>Press. Gas (Liq.) - H280</p> | | |
| <p>Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% nhexane</p> <p>CAS number: —</p> | <p>EC number: 926-605-8</p> | <p>10-30%</p> <p>REACH registration number: 012119486291-36-0000</p> |

| | | | |
|--|----------------------|--|-------|
| Classification Flam. Liq. 2 - H225 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 | | | |
| ACETONE | | | 5-10% |
| CAS number: 67-64-1 | EC number: 200-662-2 | REACH registration number: 012119471330-49-XXXX | |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 | | | |
| METHYL ACETATE | | | 1-5% |
| CAS number: 79-20-9 | EC number: 201-185-2 | REACH registration number: 012119459211-47-XXXX | |
| Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 | | | |
| TOLUENE | | | 1-5% |
| CAS number: 108-88-3 | EC number: 203-625-9 | REACH registration number: 012119471310-51-XXXX | |
| Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 | | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel. |
| Ingestion | Rinse mouth thoroughly with water. Get medical attention. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. |

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation Coughing, chest tightness, feeling of chest pressure. Exposure may cause coughing or wheezing. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Causes serious eye irritation. Profuse watering of the eyes.

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

Notes for the doctor Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember. If exposed to excessive heat the containers safety disc will burst releasing the contents in a controlled manner May form explosive or toxic mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not breathe vapour. Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up PERSONAL PROTECTION. Provide adequate ventilation. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not use equipment in clean up procedure which may produce sparks. Absorb in vermiculite, dry sand or earth and place into containers. No smoking, sparks, flames or other sources of ignition near spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Provide adequate ventilation. Avoid inhalation of vapours. For personal protection, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place.

Storage class Flammable compressed gas storage.

7.3. Specific end use(s)

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

Usage description Solvent based adhesive.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters Occupational exposure limits

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

METHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m³

TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m³(Sk) Short-

term exposure limit (15-minute): WEL 100 ppm(Sk) 384 mg/m³(Sk) WEL =

Workplace Exposure Limit.

DIMETHYL ETHER (CAS: 115-10-6)

PNEC - Fresh water; 0,155 mg/l
 - Intermittent release, Water; 1,549 mg/l
 - Water; 160 mg/l
 - marine water; 0,016 mg/l
 - Sediment (Freshwater); 0,681 mg/l
 - Sediment (Marinewater); 0,069 mg/l
 - Soil; 0,045 mg/l

ACETONE (CAS: 67-64-1)

DNEL Consumer - Oral; Long term : 62 mg/kg/day
 Consumer - Dermal; Long term : 62 mg/kg/day
 Industry - Dermal; Long term : 186 mg/kg/day
 Consumer - Inhalation; Long term : 200 mg/m³
 Industry - Inhalation; Short term : 2420 mg/m³
 Industry - Inhalation; Long term : 1210

| | |
|------|--|
| PNEC | <ul style="list-style-type: none"> - Fresh water; 10.6 mg/l - marine water; 1.06 mg/l - Intermittent release; 21 mg/l - Soil; 29.5 mg/l - Sediment (Marinewater); 3.04 mg/kg - Sediment (Freshwater); 30.4 mg/kg |
|------|--|

TOLUENE (CAS: 108-88-3)

| | |
|------|--|
| DNEL | <p>Consumer - Oral; Long term systemic effects: 8.13 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 384 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 226 mg/m³</p> <p>Consumer - Inhalation; Short term systemic effects: 226 mg/m³</p> <p>Workers - Inhalation; Short term systemic effects: 384 mg/m³</p> <p>Workers - Inhalation; Short term local effects: 384 mg/m³</p> <p>Workers - Inhalation; Long term local effects: 192 mg/m³</p> <p>Consumer - Inhalation; Long term systemic effects: 56.5 mg/m³</p> <p>Workers - Inhalation; Long term systemic effects: 192 mg/m³</p> |
| PNEC | <ul style="list-style-type: none"> - Fresh water; 0.68 mg/l - Sediment (Freshwater); 16.39 mg/kg - STP; 13.61 mg/l- Soil; 2.89 mg/kg - Sediment (Marinewater); 16.39 mg/kg - marine water; 0.68 mg/l |

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Observe any occupational exposure limits for the product or ingredients. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof electrical, ventilating and lighting equipment. Ensure operatives are trained to minimise exposure.

Personal protection

Wear protective work clothing.

Eye/face protection

Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. (PE/PA/PE), 2.5mil (0.06mm), >480 min. Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body protection

Provide eyewash station. Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.

Hygiene measures

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly ventilated spaces, a supplied-air respirator must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.
Short term Gas filter, type AX.

| | |
|---------------------------------|--|
| Thermal hazards | Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. |
| Environmental exposure controls | Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | Aerosol. |
| Colour | Green. |
| Odour | Hydrocarbons. |
| Odour threshold | Data lacking. |
| pH | pH (concentrated solution): 7 |
| Melting point | Data lacking. |
| Initial boiling point and range | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane: 75-90°C @ 760 mm Hg Acetone: 365-465°C @ 760 mm Hg |
| Flash point | A flash point method is not available for aerosols, but the major hazardous component, the propellant (Dimethyl ether) has a flash point of <-41°C with flammability limits of 3.3% vol. upper and 26.2% vol. lower. |
| Evaporation rate | Not available. |
| Evaporation factor | Not available. |
| Flammability (solid, gas) | No specific test data are available. |
| Upper/lower flammability or explosive limits | No information available. |
| Other flammability | No specific test data are available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | Liquid base: 0.84 @ 20°C |
| Bulk density | Not applicable. |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | Not available. |
| Auto-ignition temperature | No information available. |
| Decomposition Temperature | Not available. |
| Viscosity | Liquid base: 300-600 cP @ 20°C |
| Explosive properties | In use may form flammable/explosive vapour-air mixture. |
| Explosive under the influence of a flame | Yes |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

| | |
|---------------------------|---|
| Volatile organic compound | This product contains a maximum VOC content of 615 g/l. |
|---------------------------|---|

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No known hazardous reactions if stored under normal conditions. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition In combustion emits toxic fumes products

SECTION 11: Toxicological information

11.1. Information on toxicological effects Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

Carcinogenicity

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

Reproductive toxicity

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

Inhalation May cause allergy or asthma symptoms or breathing difficulties if inhaled. High concentrations may be fatal. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause soreness and redness of mouth and throat.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards Anaesthetic in high concentrations. Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.

Route of exposure Inhalation

Target organs Respiratory system, lungs Brain Central nervous system Heart & cardiovascular system

Toxicological information on ingredients.

DIMETHYL ETHER

Acute toxicity - oral

Notes (oral LD₅₀) Not applicable.

Acute toxicity - dermal

| | |
|--|---|
| Notes (dermal LD ₅₀) | Not applicable. |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC ₅₀) | 164000 ppm, Inhalation, Rat |
| <u>Skin corrosion/irritation</u> | |
| Skin corrosion/irritation | Based on available data the classification criteria are not met. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Based on available data the classification criteria are not met. |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
| Genotoxicity - in vivo | Based on available data the classification criteria are not met. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | This substance has no evidence of toxicity to reproduction. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Based on available data the classification criteria are not met. |
| | |
| Skin contact | Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. |
| Medical symptoms | Symptoms following overexposure may include the following: Arrhythmia (deviation from normal heart beat). |
| <u>Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane</u> Skin corrosion/irritation | |
| Skin corrosion/irritation | Irritating to skin. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Based on available data the classification criteria are not met. |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. |
| | |
| General information | The product irritates mucous membranes and may cause abdominal discomfort if swallowed. |

ACETONE

Toxicological effects The toxicity of this substance has been assessed during REACH registration.

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rabbit

Skin sensitisation

Skin sensitisation Epidemiological studies have shown no evidence of skin sensitisation.

Skin contact Irritating to skin.

Eye contact Irritating to eyes.

METHYL ACETATE

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 3705 mg/kg, Oral, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

TOLUENE

Toxicological effects The toxicity of this substance has been assessed during REACH registration. This product is very toxic.

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ >5000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ gases ppmV) 20.0

Notes (inhalation LC₅₀) >20 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory 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.

Reproductive toxicity

Reproductive toxicity development Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Ecological information on ingredients.

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

DIMETHYL ETHER

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >4000 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >4000 mg/l, Daphnia magna
LC₅₀, 48 hours: 755,549 mg/l, Daphnia magna

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 96 hours: 9.776 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EL50, 48 hours: 3.0 mg/l, Daphnia magna

Acute toxicity microorganisms NOEL, 48 hours: 8.483 mg/l, Tetrahymena pyriformis.

ACETONE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 12600 mg/l, Daphnia magna
EC₅₀, 48 hours: 8300 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >100 mg/l, Algae

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 28 days: >10<100 mg/l, Freshwater invertebrates

TOLUENE

Acute aquatic toxicity

Acute toxicity - fish LC50, 96 hours: 13 mg/l, Carassius auratus (Goldfish)
NOEC, 192 hours: >1<10 mg/l,
LC₅₀, 96 hours: >1<10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 11.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 12 mg/l, Selenastrum capricornutum
IC₅₀, 72 hours: >100 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability Biodegradable in part only.

Ecological information on ingredients.

DIMETHYL ETHER

Persistence and degradability Not readily biodegradable.

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Persistence and degradability The product is biodegradable.

ACETONE

Persistence and degradability The product is readily biodegradable.

TOLUENE

Persistence and degradability The product is readily biodegradable. degradability

Biological oxygen demand 1.23 g O₂ /g substance

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

DIMETHYL ETHER

Bioaccumulative potential No data available on bioaccumulation.

TOLUENE

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

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

Ecological information on ingredients.

DIMETHYL ETHER

Mobility Koc: 7,759

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

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

TOLUENE

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

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.

DIMETHYL ETHER

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

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

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

ACETONE

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

TOLUENE

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

12.6. Other adverse effects

Other adverse effects Not available.

Ecological information on ingredients.

TOLUENE

Other adverse effects Do not discharge into drains or watercourses or onto the ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of contents/container in accordance with local regulations.

Waste class Full or Partially Empty Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues), Empty Aerosol: 15 01 04 (No hazardous residues).

| |
|-----------------------------------|
| SECTION 14: Transport information |
|-----------------------------------|

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 Not

applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

| | |
|-------------------------|-----------------------|
| IMDG Code segregation | SG69, SW1, SW22 group |
| EmS | F-D, S-U |
| ADR transport category | 2 |
| Tunnel restriction code | (D) |

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

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

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|---|--|
| National regulations | Control of Substances Hazardous to Health Regulations 2002 (as amended). Health and Safety at Work etc. Act 1974 (as amended). 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). 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). |
| Authorisations (Annex XIV Regulation 1907/2006) | No specific authorisations are known for this product. |
| Restrictions (Annex XVII Regulation 1907/2006) | No specific restrictions on use are known for this product. |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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| Classification procedures according to Regulation (EC) 1272/2008 | Aerosol 1 - H222, H229: Weight of evidence. Eye Irrit. 2 - H319, STOT SE 3 - H336, Aquatic Chronic 3 - H412: Calculation method. |
| Issued by | Technical Department |
| Revision date | 30/10/2019 |
| Revision | 1 |
| SDS number | 22522 |
| Hazard statements in full | H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.