



Chartpak®
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01777-1034



Revision Date: 11.27.18

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

1.1 Product identifier

- Trade name: Urban Fine Art Aerosols
- Article number (product ID.): REZ547
- 1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture: painting
Uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Peter Kwasny GmbH
Heilbronner Str. 96
D-74831 Gundelsheim

Tel.: 0049-(0)6269-95-20
E-mail: labor@kwasny.de

Further information obtainable from: Product safety department

1.4 Emergency telephone number: Tel.: +49 6269 95 20

national:

National Poisons Information Service, Birmingham

Tel.: 844 892 0111

K-Nr. 0001

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2 H319

Causes serious eye irritation.

STOT SE 3 H336

May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07

Signal word: **Danger**

Hazard-determining components of

labelling:

n-butyl acetate

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| Hazard statements | <p>H229 Extremely flammable aerosol. Pressurised container: May burst if heated.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> |
| Precautionary statements | <p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <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 vapours/</p> <p>P271 Use only outdoors or in a well-ventilated area.</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>P312 IF INHALED: GO TO A NEAREST FIRST AID CENTER/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: 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 local/regional/national/international regulations.</p> |
| <p>Additional information: Without adequate ventilation, explosive atmosphere/gas mix may be created.</p> <p>2.3 Other hazards</p> <p>Results of PBT and vPvB assessment</p> <p>PBT: Not applicable.</p> <p>vPvB: Not applicable.</p> | |

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

| | | |
|--|--|---------|
| CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx | butane (containing ≤ 0,1 % butadiene (203-450-8)) ⊠ Flam. Gas 1, H220; ⊠ Press. Gas C, H280 | 10-<25% |
| CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx | acetone ⊠ Flam. Liq. 2, H225; ⊠ Eye Irrit. 2, H319; STOT SE 3, H336 | 10-<25% |
| CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx | n-butyl acetate ⊠ Flam. Liq. 3; H226; ⊠ STOT SE 3, H336 | 10-<25% |
| CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx | propane ⊠ Flam. Gas 1, H220; ⊠ Press. Gas C, H280 | 5-<10% |
| CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx | 2-methoxy-1-methylethyl acetate ⊠ Flam. Liq. 3, H226 | 2.5-<5% |

Additional information: For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media** -
- **Suitable extinguishing agents:** powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Cool container with water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** Can form explosive gas-air mixtures.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Use protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and materials for containment and cleaning** Use adequate ventilation. Do not flush with water or aqueous cleansing agents.
- **6.4 Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Use only in well ventilated areas. Take note of explosion threshold. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- **Information about fire - and explosion protection** Do not spray onto a naked flame or any incandescent material. Keep away from open flames and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

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| <ul style="list-style-type: none"> · 7.2 Conditions for safe storage, including any incompatibilities · Requirements to be met by storerooms and receptacles: Cool location. · Information about storage in one common storage facility: Not required. · Further information about storage conditions: Protect from heat and direct sunlight. · 7.3 Specific end use(s) No further relevant information available. |

| | | | | | | | | | | |
|--|---|--|---|---|------------------------|--|---------------------------------|---|---|--|
| SECTION 8: Exposure controls/personal protection | | | | | | | | | | |
| <ul style="list-style-type: none"> · Additional information about design of technical facilities: No further data; see item 7. · 8.1 Control parameters <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td colspan="2">· Ingredients with limit values that require monitoring at the workplace</td> </tr> <tr> <td style="width: 30%;">108-98-8 butane (containing <math>\leq 0,1\%</math> butadiene)</td> <td>WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)</td> </tr> <tr> <td>67-64-1 acetone</td> <td>WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500</td> </tr> <tr> <td>123-85-9 n-butyl acetate</td> <td>WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150</td> </tr> <tr> <td>108-65-1 1-methoxy-1-methylethyl</td> <td>WEL Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm</td> </tr> </table> <ul style="list-style-type: none"> · Additional information: The lists valid during the making were used as basis. · 8.2 Exposure controls · Personal protective equipment: · General protective and hygienic measures: Wash hands before breaks and at the end of work. · Respiratory protection: If workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supply. · Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves: Nitrile rubber, NBR · Penetration time of glove material: Gloves must be changed after every contamination. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be suitable: butyl rubber, 0,7mm | · Ingredients with limit values that require monitoring at the workplace | | 108-98-8 butane (containing <math>\leq 0,1\%</math> butadiene) | WEL Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene) | 67-64-1 acetone | WEL Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 | 123-85-9 n-butyl acetate | WEL Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 | 108-65-1 1-methoxy-1-methylethyl | WEL Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm |
| · Ingredients with limit values that require monitoring at the workplace | | | | | | | | | | |
| 108-98-8 butane (containing <math>\leq 0,1\%</math> butadiene) | WEL Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene) | | | | | | | | | |
| 67-64-1 acetone | WEL Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 | | | | | | | | | |
| 123-85-9 n-butyl acetate | WEL Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 | | | | | | | | | |
| 108-65-1 1-methoxy-1-methylethyl | WEL Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm | | | | | | | | | |
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| <p>· Eye protection:</p> <div style="display: flex; align-items: center;">  <p>Tightly sealed goggles</p> </div> | |

| SECTION 9: Physical and chemical properties | |
|---|--|
| <p>· 9.1 Information on basic physical and chemical properties</p> | |
| · Appearance: | Aerosol |
| · Form: | According to product specification |
| · Colour: | Not determined. |
| · Odour: | Not determined. |
| · Odour threshold: | Not determined. |
| · pH-value: | Not determined. |
| <p>· Change in condition</p> | |
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: <i>Not applicable, as aerosol.</i> | |
| · Flash point: | <0 °C Without propellant gas. |
| · Flammability (solid, gas): | Not applicable. |
| · Ignition temperature: | 365 °C |
| · Decomposition temperature: | Not determined. |
| · Auto-ignition temperature: | Product is not selfigniting. |
| <p>· Explosive properties:</p> | |
| In use, may form flammable/explosive vapour-air mixture. | |
| <p>· Explosion limits:</p> | |
| Lower: | 1.2 Vol % |
| Upper: | 13.0 Vol % |
| · Vapour pressure at 20 °C: | 2100 hPa |
| <p>· Density: Not determined.</p> | |
| <p>· Relative density: Not determined.</p> | |
| <p>· Vapour density: Not determined.</p> | |
| <p>· Evaporation rate: Not applicable.</p> | |
| <p>· Solubility in / Miscibility with water: Not miscible or difficult to mix.</p> | |
| <p>· Partition coefficient: n-octanol/water: Not determined.</p> | |
| <p>· Viscosity:</p> | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| <p>· Solvent content:</p> | |
| Organic solvents: | 70.9 % With propellant gas. Content given by weight |
| VOC (EU) | Not applicable |
| Solids content: | 29.0 % |

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9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with acids, alkalis and oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Possible in traces.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Ikke relevant.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** based together with household garbage. Do not allow product to reach sewage system.



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| <ul style="list-style-type: none"> · European waste code: packaging containing residues of or contaminated by hazardous substances · Uncleaned packaging: · Recommendation: Disposal must be made according to official regulations. | |

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| SECTION 14: Transport information | |
|---|---|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, IMDG, IATA | UN1950 USDOT: Ltd Qty / Consumer Commodity /ORM-D |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG · IATA | 1950 AEROSOLS AEROSOLS AEROSOLS, flammable |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR | |
|  <ul style="list-style-type: none"> · Class · Label | 2 5F Gases. 2.1 |
| <ul style="list-style-type: none"> · IMDG, IATA | |
|  <ul style="list-style-type: none"> · Class · Label | 2.1 2.1 |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void not classified |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Code | Warning: Gases. - not classified F-D,S-U SW1 Protected from sources of heat SW22 For AEROSOLS with a maximum capacity of 1 litre Category A. For AEROSOLS with a capacity above 1 litre Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. |

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| Segregation Code | |
| | SG69 For AEROSOLS with a maximum capacity of 1 litre Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | |
| | Not applicable. |
| Transport/Additional information: | |
| Limited quantities (LQ) | 1L |
| Excepted quantities (EQ) | Code: E0 Not permitted as Excepted |
| Transport category | Quantity |
| Tunnel restriction code | D |
| IMDG | |
| Limited quantities (LQ) | 1L |
| Excepted quantities (EQ) | Code: E0 Not permitted as Excepted |
| UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

| SECTION 15: Regulatory information | | | | | |
|--|------------|------------|----|--------|--|
| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture | | | | | |
| <ul style="list-style-type: none"> · Directive 2012/18/EU · Regulation (EC) No 1272/2008 - ANNEX I None of the ingredients is listed. · Seveso category P3a FLAMMABLE AEROSOLS · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t | | | | | |
| National regulations: | | | | | |
| · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3 | | | | | |
| · Technical instructions (air): | | | | | |
| <table border="1"> <thead> <tr> <th>Class</th> <th>Share in %</th> </tr> </thead> <tbody> <tr> <td>NK</td> <td>50-100</td> </tr> </tbody> </table> | Class | Share in % | NK | 50-100 | |
| Class | Share in % | | | | |
| NK | 50-100 | | | | |
| · Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. | | | | | |
| · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out. | | | | | |

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| SECTION 16: Other information | |
| This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. | |
| Relevant phrases | |
| H220 Extremely flammable gas. | |
| H225 Highly flammable liquid and vapour. | |
| H226 Flammable liquid and vapour. | |
| H280 Contains gas under pressure; may explode if heated. | |
| H335 May cause respiratory irritation. | |
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| <div style="text-align: right;">(Contd. of page 8)</div> <ul style="list-style-type: none"> · Department issuing SDS: Product safety department · Contact: Hr. Hamberger · Abbreviations and acronyms: <ul style="list-style-type: none"> RIPD: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1: Flammable gases - Category 1 Aerosol 1: Aerosols - Category 1 Press. Gas C: Gases under pressure - Compressed gas Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 <p>· * Data compared to the previous version altered.</p> |

SDS applies to the following part number(s):

Part # EAN/SKU

337001 4015962890008