



Chartpak®
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01777-1164



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, Transparents

Article number (product ID.): REZ620

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>If medical advice is needed, have product container or label at hand.</p> <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: Call a POISON 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>	
Additional information:	<p>Without adequate ventilation, explosive atmosphere/gas mix may be created.</p> <p>Contains CAS 222716-38-3 Polyamide and fatty acid derivatives. May produce an allergic reaction.</p>	
2.3 Other hazards		
Results of PBT and vPvB assessment		
PBT:	Not applicable.	
vPvB:	Not applicable.	

SECTION 3: Composition/information on ingredients		
3.2 Chemical characterisation: Mixtures		
Description: Mixture of substances listed below with nonhazardous additions.		
Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether Flam. Gas 1, H220; Press. Gas C, H280	25-<50%
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	25-<50%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5-<10%
CAS: 9004-70-0	nitrocellulose with water(not less than 25% water, by mass) Ext. Flam., H228	5-<10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl ether Flam. Liq. 3, H226	2.5-<5%
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	2.5-<5%

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CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610--43-xxxx	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319	2.5-<5%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzen ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	1-<2.5%
CAS: 222716-38-3	CAS 222716-38-3 Polyamide and fatty acid derivatives ⚠ STOT RE 2, H373; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%

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

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. If symptoms persist, consult a doctor.
- **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 for any immediate medical attention and special treatment needed**

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** 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** 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 material 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.

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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.
- Take note of emission threshold. Use only in well ventilated areas.
- Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Information about fire - and explosion

- Do not spray onto a naked flame or any incandescent material.
- Keep containers away from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

- Store in a cool location.
- Observe official regulations on storing packagings with pressurised gases.
- 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

- Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace


133-83-6 dimethyl ether	WEL Short-term value: 958 mg/m ³ , 500 ppm Long-term value: 766 mg/m ³ , 400
67-64-1 acetone	WEL Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500
1330-20-7 xylene	WEL Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm
108-65-6 2-methoxy-1-methylethyl	WEL Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm
123-86-4 n-butyl acetate	WEL Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150
64-17-5 ethanol	WEL Long-term value: 1920 mg/m ³ , 1000 ppm

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100-41-4 ethylbenzene	
WEL	Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 ppm
Ingredients with biological limit	
4150-20-7 xylene	BMGV 650 mmol/mol creatinine Medium: urine Sampling time: post Parameter: methyl hippuric acid
Additional information: The lists valid during the making were used as basis.	
8.2 Exposure controls	
<ul style="list-style-type: none"> • Personal protective equipment: • General protective and hygienic measures: <ul style="list-style-type: none"> Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Use of aerosols. Avoid contact with the eyes and • Respiratory protection: <ul style="list-style-type: none"> When 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 • Protection of hands: <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 • For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: <ul style="list-style-type: none"> butyl rubber, • Eye protection: 	
	Tightly sealed goggles

SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• **General information**

Form:	Aerosol
Colour:	According to product
• Odour:	Characteristic
• Odour threshold:	Not determined.
• pH-value:	NOT determined.

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· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	-24.9 °C
· Flash point:	<0 °C Without propellant gas.
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	235 °C
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	In use, may form flammable/explosive vapour-air mixture.
· Explosion limits:	Lower: 2.6 Vol % Upper: 18.6 Vol %
· Vapour pressure at 20 °C:	3400 hPa
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	Not determined.
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	84.9 % With propellant gas. Content given by
VOC (EU)	84.95 %
Solids content:	15.1 %
· 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.

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- **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 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the
- **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:** Must be disposed together with household garbage. Do not allow product to reach sewage
- **European waste catalogue**
- **Uncleaned packaging:** packaging containing residues of or contaminated by hazardous substances
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number** USDOT: Ltd Qty / Consumer Commodity /ORM-D
- **ADR, IMDG, IATA** UN1950
- **14.2 UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable

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<p>· 14.3 Transport hazard class(es) · ADR</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>· Class 2 5F Gases.</p> <p>· Label 2.1</p> </div> </div> <p>· IMDG, IATA</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div> <p>· Class 2.1</p> <p>· Label 2.1</p> </div> </div>	
<p>· 14.4 Packing group · ADR, IMDG, IATA</p> <p style="text-align: right;">Void not classified</p>	
<p>· 14.5 Environmental hazards: · Marine pollutant:</p> <p style="text-align: right;">No</p>	
<p>· 14.6 Special precautions for user · Danger code (Kemler):</p> <p style="text-align: right;">Warning: Gases. - not classified F-D,S-U</p> <p>· EMS Number: · Stowage Code</p> <p style="text-align: right;">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. 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.</p> <p>· Segregation Code</p>	
<p>· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</p> <p style="text-align: right;">Not applicable.</p>	
<p>· Transport/Additional information: · ADR</p> <div style="display: flex; justify-content: space-between;"> <div> <p>· Limited quantities (LQ)</p> <p>· Excepted quantities (EQ)</p> </div> <div> <p>1L Code: E0 Not permitted as Excepted</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> <p>· Transport category</p> <p>· Tunnel restriction code</p> </div> <div> <p>Quantity D</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> <p>· IMDG</p> <p>· Limited quantities (LQ)</p> <p>· Excepted quantities (EQ)</p> </div> <div> <p>1L Code: E0 Not permitted as Excepted</p> </div> </div> <p style="text-align: right;">Quantity</p>	

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· **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**

· **Directive 2012/18/EU**
· **Named dangerous substances - 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):**

Class	Share in %
NK	50-100

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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

SECTION 16: Other information

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

· **Relevant phrases**

H200 Unstable explosives.

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H302 May be harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life, with long lasting effects.

· **Department issuing SDS:** Product safety department

· **Contact:** Hr. Hamberger

· **Abbreviations and**

acronyms
· **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

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<p>Unst. Expl.: Explosives – Unstable explosive 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 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 * Data compared to the previous version altered.</p>	
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SDS applies to the following part number(s):

Part # EAN/SKU

337314 4015962890619

337315 4015962890626

337316 4015962890633

337317 4015962890640

337318 4015962890657