

01777-3484



Chartpak
Creativity. Our Legacy.™



Revision Date: 11.27.18

Print Date: 6/19/19

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

1.1 Product Identifier

- Trade name: Urban Fine Art Aerosols, Neons
- Article number (product ID.): REZ456
- 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

(Contd. on page 2)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Page 2/10

		(Contd. of page 1)
- Hazard statements	Extremely flammable aerosol. Pressurised container: May burst if heated.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
- Precautionary statements	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	
P103	Read label before use.	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P211	Do not spray on an open flame or other ignition	
P251	Do not pierce or burn, even after use.	
P261	Avoid breathing vapours/	
P271	Use only outdoors or in a well-ventilated area.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue	
P312	Call a POISON CENTER/doctor if you feel unwell.	
P337+P313	If eye irritation persists: Get medical advice/attention.	
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.	
- Additional information:	Without adequate ventilation, explosive atmosphere/gas mix may be created. Contains CAS 222716-38-3 Polyamide and fatty acid derivatives. May produce an allergic reaction.	
- 2.3 Other hazards		
- Results of PBT and vPvB assessment		
- PBT:	Not applicable.	
- vPvB:	Not applicable.	

SECTION 3: Composition/information on Ingredients		
<p>3.2 Chemical characterisation: Mixtures</p> <p>- Description: Mixture of substances listed below with nonhazardous additions.</p> <p>- Dangerous components:</p>		
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: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Flam. Gas 1, H220; Press. Gas C, H280	10-25%
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: 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: 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%
(Contd. on page 3) GB		

Safety data sheet
according to 1907/2006/EC, Article 31

CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane (containing ≤ 0,1 % butadiene (203-450-8)) Flam. Gas 1, H220; Press. Gas C, H280	5- < 10%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzen Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	1- < 2,5%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl Flam. Liq. 3, H226	1- < 2,5%
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:** 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 appropriate protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation.

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.

GB
(Contd. on page 4)



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 note of entry on threshold, 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 away from heat, open flame 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 gas.
- **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

70-141-6 acetone	WEL Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
106-97-8 butane (containing <= 0,1 % 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)
123-86-4 n-butyl acetate	WEL Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
1330-20-0 p-xylene	WEL Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm
100-41-4 Stm Benzene	WEL Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 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

(Contd. on page 5)
GB

Safety data sheet
according to 1907/2006/EC, Article 31

Page 5/10

<p>- Ingredients with biological limit</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;"> <p>20-7 Xylene</p> </td> </tr> <tr> <td> <p>BMGV: 50 mmol/mol creatinine</p> </td> </tr> <tr> <td> <p>Medium: urine</p> </td> </tr> <tr> <td> <p>Sampling time: post</p> </td> </tr> <tr> <td> <p>Parameter: methyl hippuric acid</p> </td> </tr> </table> <p>- Additional Information: The lists valid during the making were used as basis.</p> <p>- 8.2 Exposure controls</p> <p>- Personal protective equipment:</p> <p>- General protective and hygienic measures:</p> <p>Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before meals and at the end of work. Avoid contact with the eyes and</p> <p>- Respiratory protection:</p> <p>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</p> <p>- Protection of hands:</p> <p>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</p> <p>- Material of gloves: Nitrile rubber, NBR</p> <p>- Penetration time of glove material:</p> <p>Gloves must be changed after every contamination. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be</p> <p>- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: butyl rubber,</p> <p>- Eye protection:</p> <p> Tightly sealed goggles</p>	<p>20-7 Xylene</p>	<p>BMGV: 50 mmol/mol creatinine</p>	<p>Medium: urine</p>	<p>Sampling time: post</p>	<p>Parameter: methyl hippuric acid</p>													
<p>20-7 Xylene</p>																		
<p>BMGV: 50 mmol/mol creatinine</p>																		
<p>Medium: urine</p>																		
<p>Sampling time: post</p>																		
<p>Parameter: methyl hippuric acid</p>																		
<p>SECTION 9: Physical and chemical properties</p> <p>- 9.1 Information on basic physical and chemical properties</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;">- General information</td> <td></td> </tr> <tr> <td>Form:</td> <td>Aerosol</td> </tr> <tr> <td>Colour:</td> <td>According to product characteristics</td> </tr> <tr> <td>- Odour:</td> <td>Characteristic</td> </tr> <tr> <td>- Odour threshold:</td> <td>Not determined.</td> </tr> <tr> <td>- pH-value:</td> <td>Not determined.</td> </tr> <tr> <td>- Change in condition</td> <td>determined.</td> </tr> <tr> <td>Melting point/freezing point:</td> <td>Undetermined.</td> </tr> <tr> <td>Initial boiling point and boiling range:</td> <td>-44.5 °C</td> </tr> </table> <p style="text-align: right; font-size: small;">(Contd. on page 6) GB</p>	- General information		Form:	Aerosol	Colour:	According to product characteristics	- Odour:	Characteristic	- Odour threshold:	Not determined.	- pH-value:	Not determined.	- Change in condition	determined.	Melting point/freezing point:	Undetermined.	Initial boiling point and boiling range:	-44.5 °C
- General information																		
Form:	Aerosol																	
Colour:	According to product characteristics																	
- Odour:	Characteristic																	
- Odour threshold:	Not determined.																	
- pH-value:	Not determined.																	
- Change in condition	determined.																	
Melting point/freezing point:	Undetermined.																	
Initial boiling point and boiling range:	-44.5 °C																	

Safety data sheet
according to 1907/2006/EC, Article 31

Flash point:		<0 °C Without propellant gas.
Flammability (solid, gas):		Not applicable.
Ignition temperature:		365 °C
Decomposition		Not determined.
Self-ignition temperature:		Product is not selfigniting.
Explosive Properties:		In use, may form flammable/explosive vapour-air mixture.
Explosion limits:		Lower: 1.2 Vol % Upper: 13.0 Vol %
Vapour pressure at 20 °C:		3600 hPa
Density at 20 °C:		0.76 g/cm ³
Relative density		Not determined.
Vapour density		Not applicable.
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:		80.3 %
Organic solvents:		With propellant gas. Content given by weight.
VOC (EU)		19.7 %
Solids content:		19.7 %
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.



(Contd. on page 7)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

<div style="text-align: right;">(Contd. of page 6)</div> <ul style="list-style-type: none"> · 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. 																		
<div style="background-color: #0000FF; color: white; padding: 2px;">SECTION 12: Ecological Information</div> <ul style="list-style-type: none"> · 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. 																		
<div style="background-color: #0000FF; color: white; padding: 2px;">SECTION 13: Disposal considerations</div> <ul style="list-style-type: none"> · 13.1 Waste treatment methods · Recommendation: Dispose together with household garbage. Do not allow product to reach sewage · European waste code: 190901 · UN 1909 packaging containing residues of or contaminated by hazardous substances · Uncleaned packaging: · Recommendation: Disposal must be made according to official regulations. 																		
<div style="background-color: #0000FF; color: white; padding: 2px;">SECTION 14: Transport information</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">14.1 UN-Number</td> <td style="width: 30%;">UN1950</td> <td style="width: 40%;">USDOT: Ltd Qty / Consumer Commodity /ORM-D</td> </tr> <tr> <td>ADR, IMDG, IATA</td> <td>UN1950</td> <td></td> </tr> <tr> <td>14.2 UN proper shipping name</td> <td colspan="2">1950 AEROSOLS</td> </tr> <tr> <td>ADR</td> <td colspan="2">AEROSOLS</td> </tr> <tr> <td>IMDG</td> <td colspan="2">AEROSOLS, flammable</td> </tr> <tr> <td>IATA</td> <td colspan="2">AEROSOLS, flammable</td> </tr> </table> <div style="text-align: right;">(Contd. on page 8) GB</div>	14.1 UN-Number	UN1950	USDOT: Ltd Qty / Consumer Commodity /ORM-D	ADR, IMDG, IATA	UN1950		14.2 UN proper shipping name	1950 AEROSOLS		ADR	AEROSOLS		IMDG	AEROSOLS, flammable		IATA	AEROSOLS, flammable	
14.1 UN-Number	UN1950	USDOT: Ltd Qty / Consumer Commodity /ORM-D																
ADR, IMDG, IATA	UN1950																	
14.2 UN proper shipping name	1950 AEROSOLS																	
ADR	AEROSOLS																	
IMDG	AEROSOLS, flammable																	
IATA	AEROSOLS, flammable																	

Safety data sheet
according to 1907/2006/EC, Article 31

<p>- 14.3 Transport hazard class(es) - ADR</p> 	
- Class	2 5F Gases.
- Label	2.1
<p>- IMDG, IATA</p> 	
- Class	2.1
- Label	2.1
<p>- 14.4 Packing group - ADR, IMDG, IATA</p>	
	Void not classified
<p>- 14.5 Environmental hazards: - Marine pollutant:</p>	
	No
<p>- 14.6 Special precautions for user - Danger code (Kemler):</p>	
	Warning: Gases. - not classified
- EMS Number:	F-D,S-U
- Stowage Code	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.
- Segregation Code	
<p>- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</p>	
	Not applicable.
<p>- Transport/Additional Information:</p>	
- ADR	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Code: E0 Not permitted as Excepted
- Transport category	Quantity
- Tunnel restriction code	D
<p>- IMDG</p>	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Code: E0 Not permitted as Excepted
	Quantity

(Contd. on page 9)

GA

Safety data sheet
according to 1907/2006/EC, Article 31

Page 9/10

- UN "Model Regulation":	UN 1950 AEROSOLS, 2.1				
SECTION 15: Regulatory information					
<ul style="list-style-type: none"> - 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture - REACH (Regulation (EC) No 1907/2006) - REACH Annex 17 (Substances of Very High Concern - SVHC) None of the ingredients is listed. - Seveso category P3a FLAMMABLE AEROSOLS - Qualifying quantity (tonnes) for the application of lower-tier requirements 150 - Qualifying quantity (tonnes) for the application of upper-tier requirements 500 - National regulations: - REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3 - Technical Instructions (air): <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Share in %</th> </tr> </thead> <tbody> <tr> <td>NK</td> <td>50-100</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - 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. 		Class	Share in %	NK	50-100
Class	Share in %				
NK	50-100				
SECTION 16: Other information					
<p>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.</p> <ul style="list-style-type: none"> - 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. H303 May be fatal if swallowed and enters airways. 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. <ul style="list-style-type: none"> - Department issuing SDS: Product safety department - Contact: Hr. Hamberger <p>Abbreviations and acronyms</p> <ul style="list-style-type: none"> ADR: Agreement 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) 					
(Contd. on page 10)					

Safety data sheet
according to 1907/2006/EC, Article 31

	(Contd. of page 9)
<p>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 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</p> <p>* Data compared to the previous version altered.</p>	GB
<p>This safety data sheet is valid for the following item numbers / colors of MOLOTOW URBAN FINE ART 400ml spraycans:</p> <p>337.301 Neon Yellow 337.302 Neon Orange 337.303 Neon Pink 337.304 Neon Blue 337.305 Neon Green</p>	