

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.10.2012

Revision: 09.10.2012

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

• **Product identifier**

• **Trade name:** Aerosol NC

• **Article number:** **REZ04**

• Relevant identified uses of the substance or mixture and uses advised against Paintwork

• Application of the substance / the preparation Paintwork

• **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

Australian importer/ distributor:

Molotow Paint Australia

169 Johnston Street

Collingwood VIC 3066

Ph: (0)415 803 602

• **Further information obtainable from: Product safety department**

E: info@molotow.com.au

• **Emergency telephone number:**

Tel.: +49 6269 95 20

2 Hazards identification

• **Classification of the substance or mixture**

• **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

• **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R36: Irritating to eyes.



F+; Extremely flammable

R12: Extremely flammable.

R18-66-67: In use, may form flammable/explosive vapour-air mixture. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

• **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Warning! Pressurized container.

• **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

(Contd. on page 2)

Trade name: Aerosol NC

(Contd. of page 1)

• Label elements • Labelling according to EU guidelines:

• Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Reg. nr.: 01-2119471330-49-xxxx	acetone Xi R36; F R11 R66-67	25-50 Revision: 09.10.2012
Trade name: Aerosol NC	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	(Contd. of page 1)
CAS: 106-97-8 EINECS: 203-448-7	• Label elements • Labelling according to EU guidelines:	
203-448-7	• Dangerous components:	
CAS: 44-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119471330-49-xxxx	Flam. Gas 1, H220; Press. Gas, H280 propane Xi R12 R18 R66-67	5-10 25-50 %
	Flam. Gas 1, H220; Press. Gas, H280 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3,	

Safety data sheet according to

CAS: 67-64-1 EINECS: 200-662-2 Reg. nr.: 01-2119471330-49-xxxx	acetone Xi R36; F R11 R66-67	25-50 Revision: 09.10.2012
Trade name: Aerosol NC	Flam. Gas 1, H220; Press. Gas, H280	%
CAS: 74-98-6 EINECS: 200-827-9	propane F+ R12 R18	(Contd. of page 1)
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate Xi R22; F R11 R66-67	5-10 %

Safety data sheet according to

CAS: 106-97-8 EINECS: 203-448-7 Reg. nr.: 01-2119488216-32-xxxx	• Label elements • Labelling according to EU guidelines:	10-25 %
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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 protection:** Do not spray onto a naked flame or any incandescent material. Keep ignition sources away -Do not smoke. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· **Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers. · **Information about storage in one common storage facility:** Not required. · **Further information about storage conditions:** Protect from heat and direct sunlight. · **Specific end use(s)** No further relevant information available.

*

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

8 Exposure controls/personal protection

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· **Label elements · Labelling according to EU guidelines:**

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone Xi R36; F R11 R66-67	25-50 %
	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 106-97-8 EINECS: 203-448-7	butane F+ R12 R18	10-25 %
	Flam. Gas 1, H220; Press. Gas, H280	
CAS: 74-98-6 EINECS: 200-827-9	propane F+ R12 R18	5-10%
	Flam. Gas 1, H220; Press. Gas, H280	

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Trade name: Aerosol NC

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CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R10-66-67	5-10%
	Flam. Liq. 3, H226; STOT SE 3, H336	
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene Xn R20/21; Xi R38 R10	2.5-5 %
	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate R10	2.5-5 %
	Flam. Liq. 3, H226	
CAS: 71-36-3 EINECS: 200-751-6	butan-1-ol Xn R22; Xi R37/38-41 R10-67	1-2.5 %

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- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Do not inhale gases / fumes / aerosols.
 - Avoid contact with the eyes.
 - Avoid contact with the eyes and skin.
- **Respiratory protection:**
 - 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 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 observed.
- **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
 - butyl rubber, 0,7mm
- **Eye protection:**



Tightly sealed goggles

2. Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Aerosol
Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable, as aerosol.
· Flash point:	< 0°C Without propellant gas.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	365°C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.

(Contd. on page 6)

· **Uncleaned packaging:** · **Recommendation:** Disposal must be made according to official regulations.

· **Class 2 5F Gases.** · **Label 2.1**

· **IMDG, IATA**

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(Contd. of page 1)

· **Label elements** · **Labelling according to EU guidelines:**

· **Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2	acetone Xi R36; F R11	25-50
106-97-8 EINECS: 203-448-7	butane R66-67	%

14 Transport information

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CAS: 106-97-8 EINECS: 203-448-7	butane F+ R12 R18	10-25
74-98-6 EINECS: 200-827-9	propane F+ R12 R18	%

· **Label elements** · **Labelling according to EU guidelines:**

· **Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2	acetone Xi R36; F R11	25-50
Reg.nr.: 01-2119471330-49-xxxx	R66-67	%

CAS: 74-98-6 EINECS: 200-827-9	propane F+ R12 R18	5-10%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R10-66-67	5-10%

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CAS: 106-97-8 EINECS: 203-448-7	butane F+ R12 R18	10-25
74-98-6 EINECS: 200-827-9	propane F+ R12 R18	%

CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R10-66-67	5-10%
204-658-1	Flam. Gas 1, H220; Press. Gas, H280	5-10%

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(Contd. of page 2)

CAS: 1330-20-7 EINECS: 215-535-7	xylene Xn R20/21; Xi R38 R10	2-5
Reg.nr.: 01-2119488216-32-xxxx		%

CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R10-66-67	5-10%
204-658-1	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H336	5-10%

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Trade name: Aerosol NC

(Contd. of page 1)

CAS: 103-603-9 EINECS: 203-448-7	2-methoxy-1-methylethyl acetate R10	5-10%
Reg.nr.: 01-2119488216-32-xxxx	Flam. Liq. 3, H226; STOT SE 3, H336	%

CAS: 11930-70-7 EINECS: 215-535-7	xylene Xn R20/21; Xi R38 R10	2-5
Reg.nr.: 01-2119488216-32-xxxx		%

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CAS: 106-97-8 EINECS: 203-448-7	butane F+ R12 R18	10-25
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	butane R66-67	2-5

CAS: 74-98-6 EINECS: 200-827-9	propane F+ R12 R18	%
74-98-6	Flam. Gas 1, H220; Press. Gas, H280	%

Safety data sheet according to

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Trade name: Aerosol NC

(Contd. of page 2)

CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R10-66-67	5-10%
123-86-4	Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H336	5-10%

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. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

R10 Flammable. R11 Highly flammable. R12 Extremely flammable. R18 In use, may form flammable/explosive vapour-air mixture. R20/21 Harmful by inhalation and in contact with skin. R22 Harmful if swallowed. R36 Irritating to eyes. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** 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) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association ICAO: International Civil Aviation Organization GHS: Globally Harmonized System of Classification and Labelling of Chemicals

· *** Data compared to the previous version altered.**

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