

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

Printing date 18.05.2017

V - 2

Revision: 18.05.2017

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

- **1.1 Product identifier**
- **Trade name:** CARSYSTEM 2K VOC Filler AC 540
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Not determined
- **Application of the substance / the mixture** Filler and surfacer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Vosschemie GmbH
Esinger Steinweg 50
D-25436 Uetersen
Phone: +49 (0)4122 717 0; Fax: +49 (0)4122 717158; info@vosschemie.de
- **Further information obtainable from:**
Abteilung Labor / +49 (0)4122 717 0
s.schaller@vosschemie.de
- **1.4 Emergency telephone number:**
Giftinformationszentrum (GIZ)-Nord, Goettingen, Deutschland
Phone: +49 (0)551 19240

· **1.5 Distributed By:**

Sydney Automotive Paint and Equipment

Unit A3, 366 Edgar Street

Condell Park

NSW 2200

Australia

Tel: +61 2 9772 9000

Email: reception@sape.com.au

Emergency telephone: AU Poison Information Centre 13 11 26**General medical information:** +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)**Transport information:** +61 2 9772 9000 (Mon to Fri, 08:00-16:00 AEST)**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

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Skin Irrit. 2 H315 Causes skin irritation.

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 Warning

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5-15%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	2.5-10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226	1.0-7.5%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	1.0-7.5%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	0.1-1.0%

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· **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

· General information:

Personal protection for the First Aider.

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· 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

Hazchem: •3Y

· Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents: Water with full jet

· 5.2 Special hazards arising from the substance or mixture

Carbon monoxide and carbon dioxide

Formation of toxic gases is possible during heating or in case of fire.

Can form explosive gas-air mixtures.

· 5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Remove undamaged containers from the danger zone.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

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- Ensure adequate ventilation
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Keep people at a distance and stay on the windward side.
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
 - **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Dispose of the material collected according to regulations.
 - **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.
Open and handle receptacle with care.
Ensure good ventilation/exhaustion at the workplace.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Use only in well ventilated areas.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**
Fumes can combine with air to form an explosive mixture.
Flammable gas-air mixtures may form in empty receptacles.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Provide solvent resistant, sealed floor.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.
- **7.3 Specific end use(s)** No further relevant information available.

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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:**

1330-20-7 xylene, mixture of isomers

WEL (Great Britain)	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
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IOELV (EU)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin
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123-86-4 n-butyl acetate

WEL (Great Britain)	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
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108-65-6 2-methoxy-1-methylethyl acetate

WEL (Great Britain)	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
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IOELV (EU)	Short-term value: 550 mg/m ³ , 100 ppm Long-term value: 275 mg/m ³ , 50 ppm Skin
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100-41-4 ethylbenzene

WEL (Great Britain)	Short-term value: 552 mg/m ³ , 125 ppm Long-term value: 441 mg/m ³ , 100 ppm Sk
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IOELV (EU)	Short-term value: 884 mg/m ³ , 200 ppm Long-term value: 442 mg/m ³ , 100 ppm Skin
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· **DNELs**

1330-20-7 xylene, mixture of isomers

Oral	Long-term exposure - systemic effects	1.6 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	108 mg/kg bw/day (general population) 180 mg/kg bw/day (worker)
Inhalative	Long-term exposure - systemic effects	14.8 mg/m ³ (general population) 77 mg/m ³ (worker)
	Acute/short-term exposure - systemic effects	174 mg/m ³ (general population) 289 mg/m ³ (worker)
	Acute/short-term exposure - local effects	174 mg/m ³ (general population) 289 mg/m ³ (worker)

123-86-4 n-butyl acetate

Oral	Long-term exposure - systemic effects	3.4 mg/kg bw/day (general population)
Dermal	Long-term exposure - systemic effects	3.4 mg/kg bw/day (general population) 7 mg/kg bw/day (worker)

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<i>Inhalative</i>	<i>Long-term exposure - systemic effects</i>	<i>102.34 mg/m³ (general population)</i> <i>480 mg/m³ (worker)</i>
	<i>Acute/short-term exposure - systemic effects</i>	<i>859.7 mg/m³ (general population)</i> <i>960 mg/m³ (worker)</i>
	<i>Acute/short-term exposure - local effects</i>	<i>859.7 mg/m³ (general population)</i> <i>960 mg/m³ (worker)</i>
	<i>Long-term exposure - local effects</i>	<i>102.34 mg/m³ (general population)</i> <i>480 mg/m³ (worker)</i>

108-65-6 2-methoxy-1-methylethyl acetate

<i>Oral</i>	<i>Long-term exposure - systemic effects</i>	<i>1.67 mg/kg bw/day (general population)</i>
<i>Dermal</i>	<i>Long-term exposure - systemic effects</i>	<i>54.8 mg/kg bw/day (general population)</i> <i>153.5 mg/kg bw/day (worker)</i>
<i>Inhalative</i>	<i>Long-term exposure - systemic effects</i>	<i>33 mg/m³ (general population)</i> <i>275 mg/m³ (worker)</i>

· PNECs

1330-20-7 xylene, mixture of isomers

<i>PNEC aqua</i>	<i>0.327 mg/l (freshwater)</i>
	<i>0.327 mg/l (marine water)</i>
	<i>0.327 mg/l (intermittent releases)</i>
<i>PNEC sediment</i>	<i>12.46 mg/kg (freshwater)</i>
	<i>12.46 mg/kg (marine water)</i>

123-86-4 n-butyl acetate

<i>PNEC aqua</i>	<i>0.18 mg/l (freshwater)</i>
	<i>0.018 mg/l (marine water)</i>
	<i>0.36 mg/l (intermittent releases)</i>
<i>PNEC sediment</i>	<i>0.981 mg/kg (freshwater)</i>
	<i>0.0981 mg/kg (marine water)</i>
<i>PNEC STP</i>	<i>35.6 mg/l</i>
<i>PNEC soil</i>	<i>0.0903 mg/kg (soil dw)</i>

108-65-6 2-methoxy-1-methylethyl acetate

<i>PNEC aqua</i>	<i>0.635 mg/l (freshwater)</i>
	<i>0.0635 mg/l (marine water)</i>
	<i>6.35 mg/l (intermittent releases)</i>
<i>PNEC sediment</i>	<i>3.29 mg/kg (freshwater)</i>
	<i>0.329 mg/kg (marine water)</i>
<i>PNEC STP</i>	<i>100 mg/l</i>
<i>PNEC soil</i>	<i>0.29 mg/kg (soil dw)</i>

· Ingredients with biological limit values:

1330-20-7 xylene, mixture of isomers

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BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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1330-20-7 xylene, mixture of isomers

BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Do not eat, drink, smoke or sniff while working.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
Use skin protection cream for skin protection.
Wash hands before breaks and at the end of work.

· **Respiratory protection:**

Adhere to the workplace limit values and / or other threshold values.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Use suitable respiratory protective device in case of insufficient ventilation.
Filter A/P2

· **Protection of hands:**



Protective gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.
Check the permeability prior to each renewed use of the glove.
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**

DIN EN 374

Fluorocarbon rubber (Viton)

Recommended thickness of the material: ≥ 0.7 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Value for the permeation: Level ≤ 6 (≥ 480 min.)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

· Form:	Highly viscous
· Colour:	Different according to colouring
· Odour:	Characteristic

· **Change in condition**

· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	124 °C

· **Flash point:** > 23 °C· **Ignition temperature:** Not determined· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.· **Explosion limits:**

· Lower:	1.0 Vol %
· Upper:	15.0 Vol %

· **Vapour pressure at 20 °C:** 10.7 hPa· **Density at 20 °C:** 1.4 - 1.6 g/cm³· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.· **Viscosity:**

· Dynamic:	Not determined.
· Kinematic at 40 °C:	> 20.5 mm ² /s

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No decomposition if used according to specifications.· **10.2 Chemical stability** No decomposition if used and stored according to specifications.· **10.3 Possibility of hazardous reactions**

Reacts with alkali, amines and strong acids.

Reacts with oxidising agents.

Fumes can combine with air to form an explosive mixture.

Used empty containers may contain product gases which form explosive mixtures with air.

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- **10.4 Conditions to avoid**
Protect from heat and direct sunlight.
Avoid naked flames, sparks, other ignition sources and sunlight.
- **10.5 Incompatible materials:**
Reacts with oxidising agents.
Reacts with alcohols, amines, aqueous acids and alkalis.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

1330-20-7 xylene, mixture of isomers

Oral	LD 50	> 4000 mg/kg (rat)
Dermal	LD 50	> 1700 mg/kg (rabbit)
Inhalative	LC 50 / 4h	21.7 mg/l (rat) (Vapour)
	LC50 /4h	6350 ppm (rat) (vapour)

123-86-4 n-butyl acetate

Oral	LD50	10760 mg/kg (rat) (OECD 423)
Dermal	LD 50	> 5000 mg/kg (rabbit)
Inhalative	LC50 /4h	> 21 mg/l (rat) (OECD 403, vapour)
	LC 50 / 4h	23.4 mg/l (rat) (OECD 403, aerosol)

108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD 50	> 5000 mg/kg (rat)
Dermal	LD 50	> 5000 mg/kg (rabbit)
Inhalative	LC50 /4h	35.7 mg/l (rat)

100-41-4 ethylbenzene

Oral	LD50	3500 mg/kg (rat)
Dermal	LD 50	> 5000 mg/kg (rabbit)
Inhalative	LC50 /4h	17.2 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Subacute to chronic toxicity:** No further relevant information available.
- **Sensitisation** No sensitising effects known.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
No further relevant information available.
- **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** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

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· **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

1330-20-7 xylene, mixture of isomers

EC50	> 175 mg/l (activated slugde)
EC50/48h	3.82 mg/l (daphnia magna) 8.5 mg/l (palaemonetes pugio) (marine water)
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	> 780 mg/l (Cyprinus carpio) 13.1 - 16.5 mg/l (Lepomis macrochirus) 7.6 mg/l (oncorhynchus mykiss) 13.4 mg/l (pimephales promelas)
NOEC	> 1.3 mg/l (oncorhynchus mykiss) (56 d)

123-86-4 n-butyl acetate

EC50	356 mg/l (bacteria) (Tetrahymena, 40h)
EC50/48h	44 mg/l (daphnia magna)
EC50/72h	674.7 mg/l (scenedesmus subspicatus) 647.7 mg/l (desmodesmus subspicatus)
LC50/96h	18 mg/l (pimephales promelas) (OECD 203)
LC50	64 mg/l (danio rerio) (48h)
NOEC	200 mg/l (desmodesmus subspicatus)

108-65-6 2-methoxy-1-methylethyl acetate

EC50/48h	>500 mg/l (daphnia magna) (67/548/EWG Appendix V, C.2.)
EC50/72h	> 1000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201)
LC50/96h	130 mg/l (oncorhynchus mykiss) (OECD- 203)
NOEC	≥ 100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204)

100-41-4 ethylbenzene

EC50/48h	2.4 mg/l (daphnia magna) > 5.2 mg/l (americamysis bahia)
EC50/72h	4.6 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	4.2 mg/l (oncorhynchus mykiss)

· 12.2 Persistence and degradability

1330-20-7 xylene, mixture of isomers

Biodegradation 87.8 % (28d)

123-86-4 n-butyl acetate

Biodegradation 83 % (OECD 301 D 28d)

108-65-6 2-methoxy-1-methylethyl acetate

BSB > 90 % (activated slugde) (28d, OECD 301 F)

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Biodegradation	100 % (OECD 302 B, 8d)
100-41-4 ethylbenzene	
Biodegradation	> 70 % (28 d)
· 12.3 Bioaccumulative potential	
1330-20-7 xylene, mixture of isomers	
log Pow	> 3
BCF	6 - 23.4 (oncorhynchus mykiss)
123-86-4 n-butyl acetate	
log Pow	2.3 (OECD 117)
BCF	15.3
108-65-6 2-methoxy-1-methylethyl acetate	
log Pow	1.2 (OECD Guideline 117 [20 °C; pH 6,8])
100-41-4 ethylbenzene	
log Pow	3.1
· Behaviour in environmental systems:	
· 12.4 Mobility in soil	
123-86-4 n-butyl acetate	
log Koc	1.27
108-65-6 2-methoxy-1-methylethyl acetate	
Koc	1.7
· Additional ecological information:	
· General notes:	
Do not allow product to reach ground water, water course or sewage system.	
Danger to drinking water if even small quantities leak into the ground.	
· 12.5 Results of PBT and vPvB assessment	
· PBT: Not applicable.	
· vPvB: Not applicable.	
· 12.6 Other adverse effects No further relevant information available.	

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

· Waste disposal key:

The waste codes given above are to be considered recommendations; because of regional and industrial sector specific features, application of different waste codes is possible.

· European waste catalogue

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
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· Uncleaned packaging:

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

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SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN1263
· 14.2 UN proper shipping name · ADR · IMDG, IATA	1263 PAINT PAINT
· 14.3 Transport hazard class(es) · ADR, IMDG, IATA	Hazchem: •3Y
	
· Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Category	Warning: Flammable liquids. 30 F-E, S-D A
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category · Tunnel restriction code · Remarks:	3 D/E ADR 2.2.3.1.5
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Remarks:	IMDG-Code 2.3.2.5

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- European regulations
- Directive 2004/42/EC 2004/42/IIB (c) (540) <540

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GB

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

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Trade name: CARSYSTEM 2K VOC Filler AC 540

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- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.
- **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**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.

- **Department issuing SDS:** Abteilung Labor

- **Contact:** Frau S. Schaller

- **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)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- 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
- 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

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