

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.07.2007

Revision: 04.07.2007

1 Identification of substance

- **Product details**
- **Trade name** **PUR Color Top CPD, Comp. A**
- **Article number:** 9944
- **Application of the substance / the preparation** Coating
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen
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- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
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2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man 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.
R 10 Flammable.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 Vapours may cause drowsiness and dizziness.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 1330-20-7 EINECS: 215-535-7	xylene, mixed isomers, pure	Xn, Xi; R 10-20/21-38	< 15%
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate	Xi; R 10-36	< 10%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate	R 10-66-67	< 10%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene	Xn, F; R 11-20	< 5%
	Polyacrylatharz		10-20%
	Polyol-preparation		15-25%

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- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- **After skin contact**
Wash immediately 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 doctor.
- **After swallowing**
Rinse out mouth immediately with plenty of water and administer plenty of water in small swallows (diluting effect).
Induce vomiting and call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards caused by the material, its products of combustion or flue gases:**
Carbon monoxide (CO)
Carbon dioxide (CO₂)
further harmful conflagration gases and fumes
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**
Cool endangered containers with water spray jet.
Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow to enter sewage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure good ventilation/exhaust in workplaces.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information on storage in a common storage facility:** Store away from food.
- **Further information about storage conditions:**
Keep container tightly closed.
Do not store under 5°C.

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Storage at max. 25 °C

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8 Exposure controls and personal protection

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

- **Components with limit values that require monitoring at the workplace:**

1330-20-7 xylene, mixed isomers, pure

WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
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108-65-6 2-methoxy-1-methylethyl acetate

WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
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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
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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
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- **Additional information:** The lists that were valid during compilation were used as a basis.

- **Personal protective equipment**

- **General protective and hygienic measures** Wash hands before pauses and after work.

- **Respiratory equipment:** Not required.

- **Protection of hands:** Impervious gloves

- **Material of gloves**

Butyl rubber, BR

Fluorocarbon rubber (Viton)

- **Penetration time of glove material**

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

- **Eye protection:**

Tightly sealed safety glasses.

Face protection

9 Physical and chemical properties:

- **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Solvent-like

- **Change in condition**

- **Melting point/Melting range:** Not determined

- **Boiling point/Boiling range:** 127°C

- **Flash point:** 30°C

- **Ignition temperature:** >300°C

- **Self-inflammability:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive. However, formation of dangerous explosive vapour/air mixtures is possible.

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· Explosive Limits:	
Lower:	1.0 Vol %
Upper:	10.8 Vol %
· Vapour pressure at 20°C: 7 - 9 mbar	
· Density at 20°C 1.25 g/cm ³	
· Solubility in / Miscibility with Water: Not miscible or difficult to mix	

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

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

1330-20-7 xylene, mixed isomers, pure

Oral	LD50	8700 mg/kg (Ratte)
Dermal	LD50	2000 mg/kg (Kaninchen)
Inhalative	LC50/4 h	6350 mg/l (Ratte)

- **Primary irritant effect:**
- **on the skin:** Irritates skin and mucous membranes.
- **on the eye:** Light irritating effect possible.
- **Sensitisation:** No sensitising effect known.

12 Ecological information:

- **General notes:**

Water hazard class 2 : hazardous to water.
Do not allow product to reach ground water, bodies of water or sewage system.
Hazardous to drinking water even if small quantities leak into soil.

13 Notes on disposal:

- **Product:**

- **Recommendation**

Do not dispose of together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
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.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**



- **ADR/RID-GGVS/E Class:** 3 (F1) Flammable liquids.
- **Kemler Number:** 30
- **UN-Number:** 1866
- **Packaging group:** III
- **Danger sign:** 3
- **Designation of goods:** 1866 RESIN SOLUTION, mixture

- **Maritime transport IMDG/GGVSea:**



- **IMDG/GGVSea Class:** 3
- **UN Number:** 1866
- **Label:** 3
- **Packaging group:** III
- **Marine pollutant:** No
- **Correct technical name:** RESIN SOLUTION, mixture

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1866
- **Label:** 3
- **Packaging group:** III
- **Correct technical name:** RESIN SOLUTION, mixture

15 Regulatory information

- **Designation according to EC guidelines:**

The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)

- **Risk phrases:**

10 Flammable.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

- **Safety phrases:**

16 Keep away from sources of ignition - No smoking.
25 Avoid contact with eyes.
51 Use only in well-ventilated areas.

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- **National regulations**
- **Technical instructions (air):**

Class	Proportion in %
NK	20-<40

- **Water hazard class:** Water hazard class 2: hazardous to water.

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**

- 10 Flammable.
- 11 Highly flammable.
- 20 Harmful by inhalation.
- 20/21 Harmful by inhalation and in contact with skin.
- 36 Irritating to eyes.
- 38 Irritating to skin.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

- **Department issuing data specification sheet:** Product Safety department

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