

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2007

Revision: 04.07.2007

### 1 Identification of substance

- **Product details**
- **Trade name** PUR Uni Color BC, Comp. A
- **Article number:** 9941
- **Application of the substance / the preparation** Coating
- **Manufacturer/Supplier:**  
Remmers Baustofftechnik GmbH  
Postfach 1255  
D-49624 Lönningen / Germany  
Tel.: 05432/83-0  
Fax: 05432/3985
- **Informing department:**  
Product Safety department: Tel.: +49 (0)5432/83-138/-538  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
during working hours:  
U.K.: Tel.: +44 (0) 845 373 0103  
Far East: Tel.: +65( 0) 67410277  
Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

### 2 Hazards identification

- **Hazard designation:**



Xn Harmful  
N Dangerous for the environment

- **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 20 Harmful by inhalation.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **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**

- **Dangerous components:**

CAS: 106264-79-3	6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine	20-<40%
ELINCS: 403-240-8	Xn, Xi, N; R 22-43-50/53	

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

### 4 First aid measures

- **General information** No special measures required.

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**Trade name PUR Uni Color BC, Comp. A**

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- **After inhalation**

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

In case of unconsciousness bring patient into stable side position for transport.

- **After skin contact**

Remove contaminated clothing.

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**

Do not induce vomiting; call for medical help immediately.

Rinse out mouth immediately with plenty of water and administer plenty of water in small swallows (diluting effect).

## 5 Fire fighting measures

- **Suitable extinguishing agents**

CO<sub>2</sub>, 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:**

May be released in case of fire

carbon monoxides

nitrogen oxides

Ammonia

- **Protective equipment:** Wear self-contained breathing apparatus.

## 6 Accidental release measures

- **Person-related safety precautions:** Do not breathe fumes/aerosol

- **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).

- **Additional information:** No dangerous materials are released.

## 7 Handling and storage

- **Handling**

- **Information for safe handling:** Avoid the formation of aerosols.

- **Storage**

- **Requirements to be met by storerooms and containers:** No special requirements.

- **Information on storage in a common storage facility:**

none

Do not store together with acids.

Store away from oxidizing agents.

- **Further information about storage conditions:** Protect from frost.

## 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:**

The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during compilation were used as a basis.

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- **Personal protective equipment**
- **General protective and hygienic measures**  
Observe the usual precautionary measures when handling chemicals.
- **Respiratory equipment:** In case of intensive and stronger exposure, use gas mask (Filter A).
- **Protection of hands:** Impervious gloves
- **Material of gloves**  
Butyl rubber, BR  
Neoprene gloves  
PVC gloves
- **Penetration time of glove material**  
The exact break trough 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

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Ammonia-like

### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined

· **Flash point:** > 176°C

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

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.05 g/cm<sup>3</sup>

### · Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix

· **pH-value at 20°C:** > 7

### · Solvent content:

**Organic solvents:** 0.0 %

## 10 Stability and reactivity

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

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** Sensitisation possible by skin contact.

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- **Additional toxicological information:**

The product shows the following dangers based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Harmful  
Irritant

- **Sensitisation** May cause sensitisation by skin contact.

## 12 Ecological information:

- **General notes:**

Water hazard class 1 : slightly hazardous to water.

Do not allow product to reach ground water, bodies of water or sewage system.

## 13 Notes on disposal:

- **Product:**

- **Recommendation**

Do not dispose of together with household garbage. Do not allow product to reach sewage system. Hardened material can be disposed of as building rubble (EWC-Code: 170701).

- **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

- **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:** 9 (M6) Miscellaneous hazardous substances and articles.

· **Kemler Number:** 90

· **UN-Number:** 3082

· **Packaging group:** III

· **Danger sign:** 9

· **Designation of goods:** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

- **Maritime transport IMDG/GGVSea:**



· **IMDG/GGVSea Class:** 9

· **UN Number:** 3082

· **Label:** 9

· **Packaging group:** III

· **EMS Number:** F-A,S-F

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- **Marine pollutant:** No
- **Correct technical name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

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



- **ICAO/IATA Class:** 9
- **UN/ID Number:** 3082
- **Label:** 9
- **Packaging group:** III
- **Correct technical name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine)

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

## 15 Regulatory information

- **Designation according to EC guidelines:**  
The material is not subject to labelling according to EC lists and other sources of literature known to us.

- **Code letter and hazard designation of product:**



Xn Harmful  
N Dangerous for the environment

- **Hazard-determining components of labelling:**  
6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine
- **Risk phrases:**
  - 20 Harmful by inhalation.
  - 43 May cause sensitisation by skin contact.
  - 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
  - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - 28 After contact with skin, wash immediately with plenty of soap and water.
  - 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
  - 60 This material and its container must be disposed of as hazardous waste.
  - 61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- **National regulations**
- **Water hazard class:** Water hazard class 1: slightly 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**
  - 22 Harmful if swallowed.
  - 43 May cause sensitisation by skin contact.
  - 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing data specification sheet:** Product Safety department