

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2007

Revision: 02.07.2007

1 Identification of substance

- **Product details**
- **Trade name** PUR Indu Color TC, Comp. A
- **Article number:** 9942
- **Application of the substance / the preparation** Polyurethane sealing
- **Manufacturer/Supplier:**
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2 Hazards identification

- **Hazard designation:** not applicable
- **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.
- **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:** Contains polyol, various pigments, thixotropic agents, surfactants and additives.
- **Dangerous components:** Void

4 First aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Wash immediately with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing**
Drink plenty of water and provide fresh air. Call a doctor immediately.
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

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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:**
May be released in case of fire
carbon monoxides
- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **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).
Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaust in workplaces.
Avoid contact with skin and eyes.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:** Store dry.

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.
- **Personal protective equipment**
- **General protective and hygienic measures**
Observe the usual precautionary measures when handling chemicals.
- **Respiratory equipment:**
In case of brief exposure or low pollution load, use respiratory protection equipment with filter. In case of intensive or longer exposure, use self-contained respiratory protection equipment.
- **Protection of hands:** Impervious gloves
- **Material of gloves**
Nitrile rubber, NBR
Butyl rubber, BR
- **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:** Safety glasses recommended during refilling.

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9 Physical and chemical properties:

· General Information

| | |
|----------------|------------------------------------|
| Form: | Fluid |
| Colour: | According to product specification |
| Odour: | Characteristic |

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** > 100°C

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

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

· **Density at 20°C** 1.6 g/cm³

· 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.
 No decomposition if handled and stored according to specifications.

· **Dangerous reactions** No dangerous reactions known

· Dangerous decomposition products:

No dangerous decomposition products known
 May be released in fire:
 Carbon monoxide and carbon dioxide

11 Toxicological information

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

Polyol-preparation

| | | |
|------|------|---------------------|
| Oral | LD50 | >5000 mg/kg (Ratte) |
|------|------|---------------------|

· Primary irritant effect:

· **on the skin:** May cause irritation.
 · **on the eye:** May cause irritation.
 · **Sensitisation:** No sensitising effect known.

· Additional toxicological information:

The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.
 When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

12 Ecological information:

· Information on elimination (persistence and degradability):

· **Other information:** The product is readily biodegradable.

· Behaviour in environmental systems:

· **Mobility and bioaccumulation potential:** Not expected to be bioaccumulative.

· General notes:

Water hazard class 1 : slightly hazardous to water.

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Do not allow undiluted or larger quantities of the product to reach ground water, bodies of water or sewage system.

13 Notes on disposal:

- **Product:**

- **Recommendation**

Not hardened material must be disposed of as hazardous waste according to official regulations. Hardened product remains may be disposed of as building rubble or put into household garbage.

- **European waste catalogue**

| | |
|----------|---|
| 20 00 00 | MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS |
| 20 01 00 | separately collected fractions (except 15 01) |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |

- **Uncleaned packaging:**

- **Recommendation:**

Packaging that cannot be cleaned should be disposed of in the same manner as the product. Only completely empty containers may be recycled.

14 Transport information

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

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** -

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

- **ICAO/IATA Class:** -

- **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. Observe normal safety precautions for handling chemicals

- **Safety phrases:**

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

- **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.

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