

Material Safety Data Sheet

According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006


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

- **Product details**
- **Trade name:** *Pall-X 98 Comp. A*
- **Application of the substance / the preparation** *Water-based, 2-component parquet seal (component A)*
- **Manufacturer/Supplier:**
*JP Coatings GmbH
 Im Kreuz 6
 D-97076 Würzburg
 Tel. +49 (0)931-27964-0
 Fax +49 (0)931-27964-50*
- **Further information obtainable from:** *Developing department*
- **Information in case of emergency:**
*Medical emergencies: +49 30 19 240
 Transportation emergencies: +49 621 60 43 333*

2 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 872-50-4	N-methyl-2-pyrrolidone	 Xi; R 36/38	5-10%
EINECS: 212-828-1			

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

3 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for human 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.

4 First-aid measures

- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *Do not induce vomiting; call for medical help immediately.*

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *Do not allow to enter sewers/ surface or ground water.*
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 2)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006

Trade name: **Pall-X 98 Comp. A**

(Contd. of page 1)

· **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.· **Ingredients with limit values that require monitoring at the workplace:**

872-50-4 N-methyl-2-pyrrolidone

WEL Short-term value: 309 mg/m³, 75 ppmLong-term value: 103 mg/m³, 25 ppm

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** PVC or PE gloves
- **Material of gloves:** PVC or PE gloves
- **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

9 Physical and chemical properties

· **General Information**

Form: Fluid
Colour: White
Odour: Weak, characteristic

· **Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** Undetermined.· **Flash point:** > 100°C· **Ignition temperature:** > 200°C· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Density at 20°C:** 1.02 g/cm³· **Solubility in / Miscibility with water:** Fully miscible.· **pH-value at 20°C:** 8.3

(Contd. on page 3)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006

Trade name: *Pall-X 98 Comp. A*

(Contd. of page 2)

- **Viscosity:**
Kinematic at 20°C: 24 s (DIN 53211/4)

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:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

* 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

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

- **Transport/Additional information:** Not dangerous according to the above specifications.

* 15 Regulatory information

- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

(Contd. on page 4)

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006

Trade name: Pall-X 98 Comp. A

Observe the general safety regulations when handling chemicals.

(Contd. of page 3)

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 R-phrases

36/38 Irritating to eyes and skin.

· **Contact:** Dr. M. Zieger, Tel. +49 (0)731 4097 207

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

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

· **Product details**

· **Trade name:** *Pall-X 98 Comp. B*

· **Application of the substance / the preparation** *Water-based, 2-component parquet seal (component B)*

· **Manufacturer/Supplier:**

JP Coatings GmbH

Im Kreuz 6

D-97076 Würzburg

Tel. +49 (0)931-27964-0

Fax +49 (0)931-27964-50

· **Further information obtainable from:** *Developing department*

· **Information in case of emergency:**

Medical emergencies: +49 30 19 240

Transportation emergencies: +49 621 60 43 333


2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** *Mixture of substances listed below with nonhazardous additions.*

· **Dangerous components:**

aliphatic polyisocyanate

 *Xi; R 43* 50-75%

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

3 Hazards identification

· **Hazard description:**



Xi Irritant

· **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.

R 36 Irritating to eyes.

R 43 May cause sensitisation by skin contact.

Contains isocyanates. See information supplied by the manufacturer

4 First-aid measures

· **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*

· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** *Do not induce vomiting; call for medical help immediately.*

5 Fire-fighting measures

· **Suitable extinguishing agents:**

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

· **Protective equipment:** *No special measures required.*

GB

(Contd. on page 2)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 18.05.2006

Version No. 2

Reviewed on 18.05.2006

Trade name: **Pall-X 98 Comp. B**

(Contd. of page 1)

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

* 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **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.
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Protection of hands:** PVC or PE gloves
- **Material of gloves:** PVC or PE gloves
- **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

* 9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	Light yellow
Odour:	Weak, characteristic

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** 66°C

· **Ignition temperature:** 465°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** 1.09 g/cm³

(Contd. on page 3)

Material Safety Data Sheet

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Reviewed on 18.05.2006

Trade name: **Pall-X 98 Comp. B**

(Contd. of page 2)

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **Viscosity:**
Kinematic at 20°C: 45 s (DIN 53211/4)

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 relevant for classification:**

aliphatic polyisocyanate

Oral	LD50	> 2000 mg/kg (rat)
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· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Irritating effect.

· **Sensitization:** Sensitization possible through skin contact.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
 Irritant

12 Ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

· **Product:**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

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

· **ICAO/IATA Class:** -

(Contd. on page 4)

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(Contd. of page 3)

· **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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

Xi Irritant

· **Hazard-determining components of labelling:**

aliphatic polyisocyanate

· **Risk phrases:**

36 Irritating to eyes.

43 May cause sensitisation by skin contact.

· **Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

37/39 Wear suitable gloves and eye/face protection.

· **Special labelling of certain preparations:**

Contains isocyanates. See information supplied by the manufacturer

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 R-phrases**

43 May cause sensitisation by skin contact.

· **Contact:** *Dr. M. Zieger, Tel. +49 (0)731 4097 207*

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

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