

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/15/2006

Version No. 1

Reviewed on 08/15/2006

1 Identification of substance

- **Product details**

- **Trade name:** *Pall-X 340 (USA)*

- **Application of the substance / the preparation**

Water-based, 1-component parquet primer for parquet flooring

- **Manufacturer/Supplier:**

JP Coatings GmbH

Im Kreuz 6

D-97076 Würzburg

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

Fax +49 (0)931-27964-50

- **Information department:** *Products Development Lab*

- **Emergency information:**

Medical emergencies: +49 30 19 240

Transportation emergencies: +49 621 60 43 333

2 Composition/Data on components

- **Chemical characterization**

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

- **Dangerous components:**

<i>111-76-2</i>	<i>2-butoxyethanol</i>	<i>1-5%</i>
<i>112-34-5</i>	<i>2-(2-butoxyethoxy)ethanol</i>	<i>1-5%</i>

3 Hazards identification

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

The product does not have to be labelled due to the calculation procedure of international guidelines.

- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **Additional information:**

NFPA Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.

NFPA is the National Fire Protection Association.

HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.

HMIS®, the Hazardous Materials Identification System, is a registered mark of the National Paint and Coatings Association (NPCA).

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. Then consult a doctor.*

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

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5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.
- **Additional information:** Flash point: > 100°C (> 212°F).

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).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** 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:** None.

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:**

111-76-2 2-butoxyethanol

ACGIH TLV	97 mg/m ³ , 20 ppm
NIOSH REL	24 mg/m ³ , 5 ppm
	Skin
OSHA PEL	240 mg/m ³ , 50 ppm
	Skin

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** 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
Color:	White
Odor:	Weak, characteristic

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- **Change in condition**
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.
- **Flash point:** > 100°C (> 212°F)
- **Auto igniting:** *Product is not selfigniting.*
- **Danger of explosion:** *Product does not present an explosion hazard.*
- **Density at 20°C (68°F):** 1.04 g/cm³
- **Solubility in / Miscibility with Water:** *Fully miscible.*
- **pH-value at 20°C (68°F):** 7
- **Viscosity:**
Kinematic at 20°C (68°F): 23 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 products of decomposition:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity:**
- **Specific symptoms in biological assay:**
- **Primary route(s) of entry:** *Skin contact, eye contact, ingestion.*
- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according 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:** *Disposal should be in accordance with local, state or national legislation.*
- **Uncleaned packagings:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- **Recommended cleansing agent:** *Water, if necessary with cleansing agents.*

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14 Transport information

- DOT regulations:

- Hazard 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 Regulations

- SARA (Superfund Amendments and Reauthorization Act)

- Section 355 (extremely hazardous substances):

None of the ingredient is listed.

- Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):

All ingredients are listed.

- Proposition 65 (California)

- Chemicals known to cause cancer:

None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

- Cancerogenity categories

- EPA (Environmental Protection Agency)

None of the ingredients is listed.

- IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

- NTP (National Toxicology Program)

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

- NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

- Product related hazard informations:

The product is not subject to regulations on classification, packaging and labelling according to EC-directives on hazardous materials.

Observe the general safety regulations when handling chemicals.

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.

- Department issuing MSDS: Products Development Lab

- Contact: Dr. Koette, phone +49 (0)931 27964-25