

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.12.2008

Version No. 3

Revision: 04.12.2008

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

- **Product details**
- **Trade name:** Holzkittlösung / Uni-Kitt
- **Application of the substance / the preparation** Solvent based joint adhesive solution 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
- **Further information obtainable from:**
Products Development Lab
E-Mail: msds.info@uzin-utz.com
- **Information in case of emergency:**
Medical emergencies: +49 30 30 686 790
Transportation emergencies: +49 621 60 43 333

2 Hazards identification

- **Hazard description:**



Xi Irritant
F Highly flammable

- **Information concerning particular hazards for human and environment:**

- R 11 Highly flammable.
- R 18 In use, may form flammable/explosive vapour-air mixture.
- R 36 Irritating to eyes.
- R 66 Repeated exposure may cause skin dryness or cracking.
- R 67 Vapours may cause drowsiness and dizziness.

3 Composition/information on ingredients

- **Chemical characterization**

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

- **Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2	acetone	Xi, F; R 11-36-66-67	50-75%
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate	Xi, F; R 11-36-66-67	10 - <25%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol	Xi, F; R 11-36-67	10 - <25%
CAS: 1330-20-7 EINECS: 215-535-7	xylene	Xn, Xi; R 10-20/21-38	5 - <10%

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

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

GB

(Contd. on page 2)

Safety Data Sheet

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Revision: 04.12.2008

Trade name: **Holz Kittlösung / Uni-Kitt**

(Contd. of page 1)

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Can form explosive gas-air mixtures.
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Ensure adequate ventilation
- **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).
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Immediately remove all soiled and contaminated clothing
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.

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:**

67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm
	Long-term value: 1210 mg/m ³ , 500 ppm

141-78-6 ethyl acetate

WEL	Short-term value: 400 ppm
	Long-term value: 200 ppm

(Contd. on page 3)

Safety Data Sheet

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Trade name: **Holz Kittlösung / Uni-Kitt**

(Contd. of page 2)

67-63-0 propan-2-ol

WEL Short-term value: 1250 mg/m³, 500 ppm
Long-term value: 999 mg/m³, 400 ppm

1330-20-7 xylene

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Not necessary in well ventilated areas or areas with local exhaust ventilation (e.g. ex-protected ventilation / evacuation equipment).
In case of prolonged exposition in poorly ventilated areas, e.g. in closed rooms, use ambient air-independent breathing apparatus.
- **Protection of hands:**



Solvent resistant gloves

- **Material of gloves** 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:**



Tightly sealed goggles

9 Physical and chemical properties

· General Information

Form: Fluid
Colour: Yellowish
Odour: Solvent-like

· Change in condition

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

· **Flash point:** 2°C

· **Ignition temperature:** 460°C

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

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

· Explosion limits:

Lower: 2.1 Vol %

(Contd. on page 4)

Safety Data Sheet

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Version No. 3

Revision: 04.12.2008

Trade name: **Holz kittlösung / Uni-Kitt**

(Contd. of page 3)

Upper:	13.0 Vol %
· Vapour pressure at 20°C:	233 hPa
· Density at 20°C:	0.86 g/cm ³
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Viscosity:	
Kinematic at 20°C:	90 s (ISO 6 mm)

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:**

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Slightly irritant effect may occur.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **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:
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
Irritant

12 Ecological information

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

13 Disposal considerations

- **Product:**
- **Recommendation**
Do not allow product to reach sewage system.
Disposal should be in accordance with local, state or national legislation.

(Contd. on page 5)

GB

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(Contd. of page 4)

- **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:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1263
- **Packaging group:** II
- **Hazard label:** 3
- **Description of goods:** 1263 PAINT, special provision 640D

· Maritime transport IMDG:



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** PAINT

· Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **Proper shipping name:** PAINT

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
F Highly flammable
- **Risk phrases:**
11 Highly flammable.
18 In use, may form flammable/explosive vapour-air mixture.
36 Irritating to eyes.

(Contd. on page 6)

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(Contd. of page 5)

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

· Safety phrases:

2 Keep out of the reach of children.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe vapour.

24/25 Avoid contact with skin and eyes.

33 Take precautionary measures against static discharges.

37 Wear suitable gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

51 Use only in well-ventilated areas.

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

10 Flammable.

11 Highly flammable.

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 MSDS: Product safety department**· Contact:**

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E-Mail: msds.info@uzin-utz.com

· * Data compared to the previous version altered.