

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.08.2008

Version No. 1

Revision: 18.08.2008

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

- **Product details**
- **Trade name:** UZIN MK 73
- **Application of the substance / the preparation** Synthetic resin parquet adhesive
- **Manufacturer/Supplier:**
UZIN Ltd.
7/8 Cholswell Court Shippon
Abingdon, OX 13 6 HW
Tel. 01235/53 41 06
Fax 01235/53 41 07
- **Further information obtainable from:**
Product safety department
email: 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:**



Xn Harmful
F Highly flammable

- **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 11 Highly flammable.
- R 18 In use, may form flammable/explosive vapour-air mixture.
- R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R 68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 79-20-9 EINECS: 201-185-2	methyl acetate	Xi, F; R 11-36-66-67	10 - <25%
CAS: 67-56-1 EINECS: 200-659-6	methanol	T, F; R 11-23/24/25-39/23/24/25	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.
In case of unconsciousness place patient stably in side position for transportation.
- **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.

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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
Wear suitable protective clothing, gloves and eye/face protection.
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 in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
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:**

79-20-9 methyl acetate

WEL Short-term value: 770 mg/m³, 250 ppm
Long-term value: 616 mg/m³, 200 ppm

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm
Long-term value: 266 mg/m³, 200 ppm
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- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Wear suitable protective clothing, gloves and eye/face protection.
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:**



Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

- **Material of gloves**
Butyl rubber, BR
Nitrile rubber, NBR
- **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:	Pasty
Colour:	Beige
Odour:	Solvent-like

· Change in condition

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

· **Flash point:** 2°C

· **Ignition temperature:** 425°C

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

· **Danger of explosion:** Product does not present an explosion hazard.
In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

Lower:	3.1 Vol %
Upper:	16.0 Vol %

· **Vapour pressure at 20°C:** 226 hPa

· **Density at 20°C:** 1.4 g/cm³

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· **Solubility in / Miscibility with water:** Partly miscible.

· **Viscosity:**
Dynamic at 20°C: 50000 mPas

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:**

67-56-1 methanol

Oral	LD50	5628 mg/kg (rat)
Dermal	LD50	15800 mg/kg (rabbit)

· **Primary irritant effect:**

· **on the skin:**

No irritant effect.

Danger through skin adsorption may occur.

· **on the eye:** No irritant 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:

Harmful

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.

Danger through skin adsorption.

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.

Let product residues harden in open container, then dispose of as construction waste.

· **Uncleaned packaging:**

· **Recommendation:**

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

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14 Transport information

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



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1133
- **Packaging group:** III
- **Hazard label** 3
- **Description of goods:** 1133 ADHESIVES, special provision 640H

· **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1133
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Proper shipping name:** ADHESIVES

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



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1133
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** ADHESIVES

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:**

Xn Harmful
F Highly flammable

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

methanol

· **Risk phrases:**

11 Highly flammable.
18 In use, may form flammable/explosive vapour-air mixture.
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

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· Safety phrases:

- 16 *Keep away from sources of ignition - No smoking.*
- 23 *Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).*
- 24/25 *Avoid contact with skin and eyes.*
- 36/37 *Wear suitable protective clothing and gloves.*
- 45 *In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).*
- 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

- 11 *Highly flammable.*
- 23/24/25 *Toxic by inhalation, in contact with skin and if swallowed.*
- 36 *Irritating to eyes.*
- 39/23/24/25 *Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.*
- 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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