**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
  - Trade name: UZIN KE 2428

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - **Sector of Use**
    - SU19 Building and construction work
    - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
    - SU21 Consumer uses: Private households / general public / consumers
  - **Product category PC1 Adhesives, sealants**
    - **Application of the substance / the mixture** Adhesive for PVC Floorings – Extra Fast

- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    - Uzin Utz UK Ltd.
    - Unit 2, Mitchell Court
    - Central Park, Rugby
    - Warwickshire, CV23 0UY,
    - Telephone +44 (0) 1788 530 080
    - Fax +44 (0) 1788 536508
    - Email info@uk.uzin-utz.com
  - **Further information obtainable from:**
    - Product safety department
    - email: msds.info@uzin-utz.com
  - **1.4 Emergency telephone number:**
    - Medical emergencies (GIZ-Nord Poisons Center): +49 551 19240
    - Transportation emergencies: +49 621 60 43 333

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    - The product is not classified, according to the CLP regulation.

- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008 Void**
  - **Hazard pictograms Void**
  - **Signal word Void**
  - **Hazard statements Void**

- **Additional information:**
  - EUH208 Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
  - **Description:**
    - Dispersion Adhesive. Solvent-free, contains no liquid, organic compounds with a boiling-point < 200 °C

  - **Dangerous components:**
    - **CAS: 122-99-6**
    - EINECS: 204-589-7
    - Reg.nr.: 01-2119488943-21
    - **2-Phenoxyethanol**
    - Acute Tox. 4, H302; Eye Irrit. 2, H319 3-<5%
SECTION 4: First aid measures

4.1 Description of first aid measures
General information: No special measures required.
After inhalation: Supply fresh air.
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.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
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

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters
Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Not required.
6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
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.

7.3 Specific end use(s)
No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.
8.1 Control parameters
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.

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.
Respiratory protection: Not required.
Protection of hands:
PVC or PE gloves (EN 374)

Material of gloves PVC or PE gloves (EN 374)
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 (EN 166)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:
Form: Pasty
Colour: White
Odour: Weak, characteristic
Odour threshold: Not determined.

pH-value at 20 °C:
ca. 7

Change in condition
Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: Undetermined.

Flash point: > 100 °C
Flammability (solid, gas): Not applicable.
Decomposition temperature: Not determined.
Auto-ignition temperature: Product is not self-igniting.
Explosive properties:
Product does not present an explosion hazard.

Explosion limits:
Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1.36 g/cm³
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not determined.
48.0 

| · Solubility in / Miscibility with water: Dispersible. |
| · Partition coefficient: n-octanol/water: Not determined. |
| · Viscosity: |
| Dynamic at 20 °C: 42000 mPas (Brookfield RV 7, 20 min-1) |
| Kinematic: Not determined. |
| · 9.2 Other information No further relevant information available. |

* SECTION 10: Stability and reactivity

| · 10.1 Reactivity No further relevant information available. |
| · 10.2 Chemical stability |
| · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. |
| · 10.3 Possibility of hazardous reactions No dangerous reactions known. |
| · 10.4 Conditions to avoid No further relevant information available. |
| · 10.5 Incompatible materials: No further relevant information available. |
| · 10.6 Hazardous decomposition products: No dangerous decomposition products known. |

* SECTION 11: Toxicological information

| · 11.1 Information on toxicological effects |
| · Acute toxicity Based on available data, the classification criteria are not met. |
| · Primary irritant effect: |
| · Skin corrosion/irritation Based on available data, the classification criteria are not met. |
| · Serious eye damage/irritation Based on available data, the classification criteria are not met. |
| · Respiratory or skin sensitisation Based on available data, the classification criteria are not met. |
| · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) |
| · Germ cell mutagenicity Based on available data, the classification criteria are not met. |
| · Carcinogenicity Based on available data, the classification criteria are not met. |
| · Reproductive toxicity Based on available data, the classification criteria are not met. |
| · STOT-single exposure Based on available data, the classification criteria are not met. |
| · STOT-repeated exposure Based on available data, the classification criteria are not met. |
| · Aspiration hazard Based on available data, the classification criteria are not met. |

* SECTION 12: Ecological information

| · 12.1 Toxicity |
| · Aquatic toxicity: No further relevant information available. |
| · 12.2 Persistence and degradability No further relevant information available. |
| · 12.3 Bioaccumulative potential No further relevant information available. |
| · 12.4 Mobility in soil No further relevant information available. |
| · Additional ecological information: |
| · General notes: Do not allow product to reach ground water, water course or sewage system. |
| · 12.5 Results of PBT and vPvB assessment |
| · PBT: Not applicable. |
| · vPvB: Not applicable. |
| · 12.6 Other adverse effects No further relevant information available. |

(Contd. on page 5)
*SECTION 13: Disposal considerations*

- **13.1 Waste treatment methods**
  - **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:**
    - Disposal must be made according to official regulations.
    - Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
  - **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

*SECTION 14: Transport information*

- **14.1 UN-Number**
  - **ADR, ADN, IMDG, IATA** Void

- **14.2 UN proper shipping name**
  - **ADR, ADN, IMDG, IATA** Void

- **14.3 Transport hazard class(es)**
  - **ADR, ADN, IMDG, IATA** Void

- **14.4 Packing group**
  - **ADR, IMDG, IATA** Void

- **14.5 Environmental hazards:**
  - **Marine pollutant:** No

- **14.6 Special precautions for user**
  - Not applicable.

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
  - Not applicable.

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

- **UN "Model Regulation":** Void

*SECTION 15: Regulatory information*

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - No further relevant information available.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*SECTION 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 phrases**
  - H302 Harmful if swallowed.
  - H319 Causes serious eye irritation.

- **Contact:**
  - Dr. M. Zieger, phone +49 (0)731 4097 207
  - E-Mail: msds.info@uzin-utz.com

(Contd. on page 6)
Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Roote (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

* Data compared to the previous version altered.