

# KALEP PO 22

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

### 1.1 Product identifier

Name: KALEP PO 22

### 1.2 Relevant indications of the use of the substance or mixture and not recommended uses

Of hot melt adhesive based on polyolefins.

### 1.3. Details of the supplier of the safety data sheet

Responsible for placing on the EU market.

Company Name: KALEP s.r.o. Address: Planá 20

Place and State: 330 11, Hromnice, Czech Republic

phone: +420378605806

E-mail competent persons

Person responsible for the safety data sheet [info@kalep.cz](mailto:info@kalep.cz)

### 1.3 Emergency phone number (Czech Republic +420)

112 (general emergency telephone number), 150 (firefighters), 155 (emergency services)  
Emergency telephone number Toxicological Information Centre, Prague Telephone  
(around the clock): +420 224 919 293; 224 915 402

## SECTION 2. Hazards Identification:

### 2.1. Classification of the substance or mixture

According to Regulation (EC) No 1907/2006 (REACHA its amendment (EU) 2020/878), that mixture does not require the issue of a safety data sheet. According to EU Regulation 1272/2008 (CLP), hazard labelling is not applicable.

### 2.2. Labelling elements

Hazard pictogram: none

Signal words: none

Hazard statement: none

Preventive measures: none

### 2.3. Other hazards

The melted product adheres to the skin and causes burns.

## SECTION 3. Composition/composition information:

### 3.1 Substances Not available.

### 3.2 Mixtures Mixture of synthetic resins and atactic polyolefin polymer.

Hazardous ingredients: none

# KALEP PO 22

## SECTION 4. First aid instructions

### 4.1. Description of first aid measures:

#### Skin contact:

Wash contaminated skin with soap and water.

#### Contact with eyes:

Immediately rinse your eyes with water for at least 15 minutes, and if necessary, consult a doctor.

#### If inhaled:

Not dangerous. No special precautions are required. In case of nausea, take the affected person out into the fresh air.

#### Ingestion:

Drink plenty of water, do not induce vomiting and consult a doctor; show this safety data sheet.

### 4.2. The most important acute and delayed symptoms and effects:

None

### 4.3. Instructions concerning immediate medical assistance and special treatment:

In case of any problems, immediately call a doctor or transport the affected person to the hospital.

## SECTION 5. Fire fighting measures

### 5.1. Recommended fire extinguishers:

Water, foam, carbon dioxide

### 5.2. Non-recommended fire extinguishers:

None

### 5.3. Risk of combustion:

In the event of a fire, dangerous flue gases are formed: carbon monoxide (CO), fumes, nitrogen oxides

### 5.4. Protective equipment:

Wear breath protection masks that are independent of the surrounding atmosphere

## SECTION 6. Accidental release measures

### 6.1. Measures for the protection of persons:

Ensure adequate ventilation of the workplace.

### 6.2. Measures to protect the environment:

Prevent contaminated water/extinguishing water from entering sewers or watercourses.

### 6.3. Cleaning methods:

Collect the waste product and store it in containers intended for proper legal disposal.

# KALEP PO 22

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling:

Provide good ventilation. Protect yourself from hitting the melt (hands, eyes, face).

### 7.2 Incompatible materials:

Strong oxidizers.

### 7.3. Storage conditions:

Cold, shade, dry; protect from direct sun and open fire.

### 7.4. Specific end-use:

Adhesive for industrial applications.

## SECTION 8. Exposure control/personal protective equipment

### 8.1. Control parameters:

White mineral oil (aliphatic kerosene): CAS: 8042-47-5, content by weight 1-10%

Exposure limits (CZ):

PEL (OEL TWA): 5 mg/m<sup>3</sup> (mineral oils, aerosol)

NPK-P (OEL): 10 mg/m<sup>3</sup> (mineral oils, aerosol)

### 8.2. Exposure controls:

It is recommended to use proper ventilation. Wash your hands before breaks and after work. Do not eat, drink or smoke while using.

### Individual protective measures, such as personal protective equipment:



### Eye protection:

For a method of application that is at risk of being in contact with the eyes (spraying), wear safety glasses according to EN 166.

### Skin protection:

**Hands:** Wear hand protection (EN374 or EN407 anti-burn gloves) and long sleeves. Non-slip shoes.

### Respiratory protection:

Not needed for normal use. Good ventilation of the workplace. In case of insufficient ventilation, use a respirator according to EN140, type A/P2 or higher.

# KALEP PO 22

## SECTION 9. Physical and chemical properties

Color	Clear - whitish solid
Stench	Odourless (in melt: slight resinous odour)
Form	Solid
pH	n.a.
Melting point	ca 102°C
Boiling point	n.a.
Flash point	>200°C
Evaporation rate	Not determined
Flammability	Not flammable
Upper/lower flammability or detonation limit	Not determined
Pressure pair	Not specified
Density	cca 0,91 g/cm <sup>3</sup>
Solubility	Insoluble in water, soluble in chlorinated hydrocarbons and toluene
Partition coefficient: n-octanol/water	Not specified
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	cc 2200 mPa.s (at 170°C)
Explosive properties	Not determined
Oxidizing properties	Not determined

### 9.2. Other information:

None

## SECTION 10. Stability and reactivity

### 10.1. Conditions to be avoided:

Stable under normal conditions.

### 10.2. Substances to be avoided:

Avoid contact with strong oxidizers, open fire.

### 10.3. Hazardous decomposition products: None.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects:

(A) acute toxicity: none

B) Corrosion /skin irritation: none

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Identification Number  
04335937

Value Added Tax Number  
CZ04335937

Ceska sporitelna a.s.  
Bank Account Number  
CZK 6499252/0800  
EUR 6685522/0800

# KALEP PO 22

- C) serious eye damage/irritation: none
- (D) respiratory or skin sensitisation: none
- (E) Germ cell mutagenicity: none
- (F) carcinogenicity: none
- (G) reproductive toxicity: none
- H) STOT - single exposure: none
- (I) exposure to repeated exposure: none
- J) Aspiration hazard: no Information on likely route of exposure: Not applicable Delayed and immediate effects as well as chronic effects of short- and long-term exposure: Not applicable Interactive effects: Not applicable

## SECTION 12. Environmental information

Use according to the correct working procedures, do not release waste or adhesive residues into the environment. The product is not classified as dangerous for the environment.

### 12.1. Toxicity:

No information is available.

### 12.2 Persistency and biodegradability:

No information is available.

### 12.3 Bioaccumulation potential

No information is available.

### 12.4 Mobility in soil:

No information is available.

### 12.5. Results of PBT and vPvB assessment:

VPvB substances: no PBT substances: None

### 12.6. Other adverse effects:

No information is available.

## SECTION 13. Disposal instructions

### 13.1. Product:

According to the applicable regulations, waste may be landfilled or handed over to an incinerator in consultation with the site - the operator and/or the competent authority.

### Key waste figures:

Solid adhesive residues: **0 08 04 10** (Wastes from the manufacture, processing, distribution and use of paints (paints, varnishes and enamels), adhesives, sealants and printing inks; waste adhesives and sealants other than those mentioned in 08 04 09)

# KALEP PO 22

## 13.2. Contaminated packaging:

Unpolluted paper packaging can be recycled. Contaminated packaging is disposed of in the same way as the waste product.

## SECTION 14. Shipping information

Not classified as "DANGEROUS GOODS"

**14.1 UN number:** Not applicable

**14.2. Correct UN name for shipment:** Not applicable

**14.3. Hazard class(s) for transport:** Not applicable

**14.4. Packaging group:** Not applicable

**14.5. Environmental hazards:** Not applicable

**14.6 Special precautions for users:** Not applicable

## SECTION 15. Regulatory information

### 15.1. Designations according to EC Directives:

The product does not require a hazard warning label according to the EC Directives/Regulations on Hazardous Substances.

**R-phrases:** Not necessary

**S-phrases:** Not necessary

### 15.2 National regulations:

Waste Act No. 541/2020 Coll. (CZ)

A chemical safety assessment has not been carried out.

## SECTION 16. Learn more

### Meanings of abbreviations:

**PBT** = Persistent, Bioaccumulative and Toxic (perzistentní, bioakumulativní a toxický)

**vPvB** = very Persistent and very Bioaccumulative (velmi perzistentní a velmi bioakumulativní)

*The information contained in this document should only be considered as auxiliary to the safe use of Kalep PO 22. Since the conditions of storage, transport and use are beyond our control, they cannot be a guarantee in the legal sense.*

*In any case, you must comply with the laws and rights of third parties. The document does not take into account workplace risks. The product should not be used for purposes other than those listed in Chapter 1 without first consulting Kalep s.r.o.*