



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**  
**Commercial Product Name**  
 UULA-KEITETTY PELLAVAÖLJY
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended use**  
 Paint binder made from pressed and boiled linseed.
- 1.3 Details of the supplier of the safety data sheet**  
**Supplier**  
 Uulatuote Oy
- Street address**  
 Yttiläntie 265
- Postcode and post office**  
 32920 Kauvatsa  
 Finland
- Telephone**  
 +358 10 820 0020
- Telefax**  
 +358 2-529 5011
- Business ID**  
 FI02264544
- Email**  
 uula@uula.fi
- 1.4 Emergency telephone number**  
 United Kingdom of Great Britain and Northern Ireland:  
 National Poisons Information Service  
 + 8 448 920 111, 24 hrs  
 Ireland: Dublin  
 +353 1 809 2166 (public). 24hrs  
 Malta:  
 +356 2545 0000/ +356 2545 6504

## SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
 Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.
- 2.2 Label elements**  
 None.
- 2.3 Other hazards**  
 Materials that have been absorbed by the linseed oil, can self-ignite (spontaneous ignition of linseed oil).

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures**  
 The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.
- Hazardous components**
- | CAS                             | EINECS    | Chemical name of the substance | Concentration | Classification |
|---------------------------------|-----------|--------------------------------|---------------|----------------|
| <b>No hazardous substances:</b> |           |                                |               |                |
| 68649-95-6                      | 272-038-8 | Boiled linseed oil             | 100 %         | -              |

## SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**

**Inhalation**

If breathed in, move person into fresh air. Keep patient warm and at rest. Oxygen or artificial respiration if needed.

**Skin contact**

In case of contact, immediately flush skin with soap and plenty of water.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids.

**Ingestion**

Do NOT induce vomiting. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

No information available.

**4.3 Indication of immediate medical attention and special treatment needed**

No information available.

**SECTION 5. FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Extinguishing media which must not be used for safety reasons**

High volume water jet.

**5.2 Special hazards arising from the substance or mixture**

Burning produces noxious and toxic fumes. Splashes can cause severe burns.

**5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray.

**5.4 Specific methods**

Discharge into the environment must be avoided.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Keep people away from and upwind of spill/leak.

**6.2 Environmental precautions**

Try to prevent the material from entering drains or water courses.

**6.3 Methods and materials for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Dispose of oily cotton waste, rags by burning or watering before discarding in the trash because of linseed-oli self-ignition risk.

**6.4 Reference to other sections**

Refer to protective measures listed in sections 7 and 8.

**SECTION 7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Wear personal protective equipment.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep tightly closed in a dry, cool and well-ventilated place.

**7.3 Specific end use(s)**

No information available.



## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Other information on limit values

No information available.

#### DNELs

No information available.

#### PNECs

No information available.

### 8.2 Exposure controls

#### Appropriate engineering controls

Do not get on skin or clothing.

#### Individual protection measures

##### Respiratory protection

No information available.

##### Hand protection

Protective gloves: Nitrile rubber. Use protective skin cream before handling the product.

##### Eye/face protection

Goggles

##### Skin protection

Long sleeved clothing

#### Environmental exposure controls

The product should not be allowed to enter drains, water courses or the soil.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Important Health Safety and Environmental Information

<b>Appearance</b>	Slightly yellowish liquid
<b>Odour</b>	Linseed oil
<b>Odour threshold</b>	no data available
<b>pH</b>	no data available
<b>Melting point/freezing point</b>	no data available
<b>Initial boiling point and boiling range</b>	> 300°C
<b>Flash point</b>	> 300°C
<b>Evaporation rate</b>	no data available
<b>Flammability (solid, gas)</b>	no data available
<b>Explosive properties</b>	
<b>Lower explosion limit</b>	no data available
<b>Upper explosion limit</b>	no data available
<b>Vapour pressure</b>	no data available
<b>Vapour density</b>	no data available
<b>Relative density</b>	950 kg/m <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Water solubility</b>	insoluble
<b>Fat solubility (solvent - oil to be specified)</b>	no data available
<b>Partition coefficient: n-octanol/water</b>	no data available
<b>Auto-ignition temperature</b>	no data available
<b>Decomposition temperature</b>	no data available
<b>Viscosity</b>	low viscosity liquid



	<b>Explosive properties</b>	no data available
	<b>Oxidising properties</b>	no data available
<b>9.2</b>	<b>Other information</b>	no data available

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity**  
No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability**  
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**  
No dangerous reaction known under conditions of normal use.
- 10.4 Conditions to avoid**  
Heat, flames and sparks. Materials that have been absorbed by the linseed oil, can self-ignite (spontaneous ignition of linseed oil).
- 10.5 Incompatible materials**  
No information available.
- 10.6 Hazardous decomposition products**  
In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity**  
No information available.
- Irritation and corrosion**  
May cause eye irritation.
- Sensitisation**  
No information available.
- Subacute, subchronic and prolonged toxicity**  
No information available.
- STOT-single exposure**  
No information available.
- STOT-repeated exposure**  
No information available.
- Aspiration hazard**  
No information available.
- Other information on acute toxicity**  
Ingestion of substance has laxative effect.

## SECTION 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- Aquatic toxicity**  
No information available.
- Toxicity to other organisms**  
No information available.
- 12.2 Persistence and degradability**
- Biodegradation**  
No information available.

**Chemical degradation**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Other adverse effects**

No information available.

**SECTION 13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of wastes in an approved waste disposal facility. Dispose of as hazardous waste in compliance with local and national regulations. Empty containers can be landfilled, when in accordance with the local regulations.

**SECTION 14. TRANSPORT INFORMATION****14.1 UN number**

Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

-

**14.3 Transport hazard class(es)**

-

**14.4 Packing group**

-

**14.5 Environmental hazards**

-

**14.6 Special precautions for users**

No information available.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**SECTION 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available.

**15.2 Chemical safety assessment**

No information available.

**SECTION 16. OTHER INFORMATION****16.1 Additions, Deletions, Revisions**

Version 1.0.

**16.2 Key or legend to abbreviations and acronyms**

- **CLP** - Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
- **DNEL** - No observed adverse effect level
- **PNEC** - Predicted No Effect Concentration
- **PBT** - persistent, bioaccumulating and toxic.
- **vPvB** - very persistent and very bioaccumulating.

**16.3 Key literature references and sources for data**

REGULATION (EC) No 1272/2008, Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, Annex VI, Table 3.2. Material Safety Data Sheet: UULA-KEITETTY PELLAVAÖLJY Print Date 19.3.2010. Information and analyzes from different raw material manufacturers.



**16.4 Classification procedure**

REGULATION (EC) No 1272/2008 Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP).

**16.6 Additional information available from:**

Uulatuote Oy