



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

- 1.1 Product identifier**
Commercial Product Name
UULA-GRAFIITTIMAALI
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Recommended use
Paint. Made of boiled linseed oil, pigments and solvents.
- 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

For the full text of the H-Statements mentioned in this Section, see Section 16.
For the full text of the R-phrases mentioned in this Section, see Section 16.

- 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.
1272/2008 (CLP)
EUH066
67/548/EEC - 1999/45/EC
R66
- 2.2 Label elements**
1272/2008 (CLP)
EUH066 Repeated exposure may cause skin dryness or cracking.
Precautionary Statements
P102 Keep out of reach of children.
- 2.3 Other hazards**
No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2 Mixtures**
Hazardous components
- | CAS | EINECS | Chemical name of the substance | Concentration Classification |
|-----|--------|--------------------------------|------------------------------|
|-----|--------|--------------------------------|------------------------------|



64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	5-10 %	Xn; R65; R66; Asp. Tox. 1, H304; EUH066; Note P.
Not dangerous goods				
68649-95-6	272-038-8	Linseed-oil	30-40 %	-
-	-	Graphite powder	30-40 %	-

3.3 Other information

CAS 64742-48-9: REACH Registration Number 01-2119457273-39-xxxx.

Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). This note applies only to certain complex coal- and oil-derived substances in Part 3.

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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. Consult a physician after significant exposure.

Skin contact

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing. If irritation develops, get medical attention.

Eye contact

Rinse immediately with plenty of water, also under the eyelids. Remove contaminated clothing. If irritation develops, get medical attention.

Ingestion

Do NOT induce vomiting. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

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

Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Burning produces noxious and toxic fumes.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

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. Do not enter confined spaces unless adequately ventilated.

**6.2 Environmental precautions**

Try to prevent the material from entering drains or water courses. Prevent spreading over a wide area (e.g. by containment or oil barriers).

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

Ensure adequate ventilation, especially in confined areas. Avoid breathing vapours, mist or gas. Keep away from sources of ignition - No smoking. Wear personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.

7.3 Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters**Threshold limits**

64742-48-9	Naphtha (petroleum), hydrotreated heavy	900 mg/m ³ (8 h)	1200 mg/m ³ (15 min)
------------	--	-----------------------------	---------------------------------

Other information on limit values

Naphtha (petroleum), hydrotreated heavy:

TWA = 1200 mg/m³ (184 ppm), ExxonMobil (2000)

DNELs

No information available.

PNECs

No information available.

8.2 Exposure controls**Appropriate engineering controls**

Apply technical measures to comply with the occupational exposure limits. Avoid breathing vapours, mist or gas. Do not get on skin or clothing.

Individual protection measures**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection complying with EN 141. Respirator with filter for organic vapour, Type: A.

Hand protection

Protective gloves complying with EN 374. Protective gloves: Nitrile rubber

Eye/face protection

If splashes are likely to occur, wear: Tightly fitting safety goggles.

Skin protection

Long sleeved clothing Wear suitable coveralls to prevent exposure to the skin.

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	
	Appearance	Paint-like coloured liquid
	Odour	aliphatic
	Odour threshold	no data available
	pH	no data available
	Melting point/freezing point	no data available
	Initial boiling point and boiling range	180 - 217°C (heavy naphtha)
	Flash point	> 60°C (heavy naphtha)
	Evaporation rate	no data available
	Flammability (solid, gas)	no data available
	Explosive properties	
	Lower explosion limit	0,6 % vol (heavy naphtha).
	Upper explosion limit	7 % vol (heavy naphtha)
	Vapour pressure	no data available
	Vapour density	no data available
	Relative density	no data available
	Solubility(ies)	
	Water solubility	no data available
	Fat solubility (solvent - oil to be specified)	no data available
	Partition coefficient: n-octanol/water	no data available
	Auto-ignition temperature	no data available
	Decomposition temperature	no data available
	Viscosity	> 20,5 mm ² /s (40°C)
	Explosive properties	no data available
	Oxidising properties	no data available
9.2	Other information	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. Keep away from direct sunlight.
10.5	Incompatible materials	Strong oxidizing agents.
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

Repeated exposure may cause skin dryness or cracking.

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

No information available.

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**

WEL substance: Avoid exceeding of the given occupational exposure limits (see section 8).

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-GRAFIITTIMAALI 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).

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

- | | |
|------|---|
| R65 | Harmful: may cause lung damage if swallowed. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| H304 | May be fatal if swallowed and enters airways. |

16.6 Additional information available from:

Provide adequate information, instruction and training for operators. Take notice of labels and material safety data sheets for the working chemicals.