

\* BÜFA®-Release Wax Paste

Date revised: 01.01.2013

# 7410054

Version: 2 / EU

Master No. M-402

Print date: 04.02.15

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

### 1.1. Product identifier

#### Trade name

BÜFA®-Release Wax Paste

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Coating

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

#### Address

BÜFA Composite Systems

GmbH &amp; Co. KG

Hohe Looge 2-8

26180 Rastede

Telephone no. +49 4402 975-0

Fax no. +49 4402 975-400

Information provided Department product safety / +49 4402 975-415

by / telephone

E-Mail produktsicherheit-compositesystems@buefa.de

### 1.4. Emergency telephone number

Giftzentrale Goettingen: +49 551 19240

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

R10

R66

R67

N, R51/53

### 2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

#### Hazard symbols



Dangerous for the environment

#### R phrases

10

Flammable.

51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66

Repeated exposure may cause skin dryness or cracking.

67

Vapours may cause drowsiness and dizziness.

#### S phrases

51

Use only in well-ventilated areas.

57

Use appropriate container to avoid environmental contamination.

60

This material and its container must be disposed of as hazardous waste.

61

Avoid release to the environment. Refer to special instructions/Safety data sheets.

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**Hazardous component(s) to be indicated on label**

contains Naphtha (petroleum), hydrodesulfurized heavy

**2.3. Other hazards**

The product does not contain PBT/vPvB-substances.

**3. Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****Naphtha (petroleum), hydrodesulfurized heavy**

CAS No.	64742-82-1	EINECS no.	265-185-4
Registration no.	01-2119458049-33-XXXX		
Concentration	>=	50	%
R10			
N, R51/53			
Xn, R65			
R66-R67			

STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic chronic 2	H411
Flam. Liq. 3	H226
	EUH066

Complete text of R/H-phrases in Chapter 16.

**4. First aid measures****4.1. Description of first aid measures****General information**

Adhere to personal protective measures when giving first aid. Remove soiled or soaked clothing immediately, do not allow to dry. If the patient is likely to become unconscious, place and transport in stable sideways position.

**After inhalation**

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. In the event of symptoms take medical treatment.

**After skin contact**

After contact with skin, wash immediately with plenty of water.

**After eye contact**

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately. Remove contact lenses

**After ingestion**

Rinse mouth thoroughly with water. Summon a doctor immediately. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If individual is drowsy or unconscious place in recovery position (on left side, with head down).

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

The following symptoms may occur: Headache, Dizziness, Nausea, Dizziness

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

Treat symptomatically

**5. Firefighting measures**

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## 5.1. Extinguishing media

### Suitable extinguishing media

Alcohol-resistant foam, Dry powder, Carbon dioxide

### Non suitable extinguishing media

Full water jet

## 5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: Carbon monoxide (CO); Nitrogen oxides (NO<sub>x</sub>); dense black smoke

## 5.3. Advice for firefighters

Use self-contained breathing apparatus.

Cool endangered containers with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Remove persons to safety. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Keep away sources of ignition. Ensure adequate ventilation. Use breathing apparatus if exposed to vapours/dust/aerosol.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). When picked up, treat material as prescribed under Section 13 "Disposal".

### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols. Observe the usual precautions for handling chemicals.

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Vapours can form an explosive mixture with air.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

### 7.3. Specific end use(s)

No information available

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

List

There is not known any national exposure limit.

### 8.2. Exposure controls

#### Appropriate engineering controls

Use only in well ventilated areas.

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Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**General protective and hygiene measures**

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols.

**Respiratory protection**

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, Filter A

**Hand protection**

Chemical resistant gloves

Appropriate Material	Butyl rubber		
Material thickness	0,7	mm	
Breakthrough time	= 30	min	

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	Pasty		
<b>Colour</b>	yellow		
<b>Odour</b>	petrol-like		
<b>Flash point</b>			
Value	34		°C
<b>Efflux time</b>			
Value	> 61		s
Method	DIN EN ISO 2431 - 6 mm		
<b>Density</b>			
Value	1		g/cm <sup>3</sup>
Temperature	20	°C	

**10. Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight.

**10.5. Incompatible materials**

Reactions with acids and strong oxidising agents. Reactions with peroxides and other radical components.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**11. Toxicological information****11.1. Information on toxicological effects**

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**Acute oral toxicity****Naphtha (petroleum), hydrodesulfurized heavy**

Species	rat		
LD50	>	2000	mg/kg

**Acute dermal toxicity****Naphtha (petroleum), hydrodesulfurized heavy**

Species	rabbit		
LD50	>	2000	mg/kg

**Acute inhalational toxicity****Naphtha (petroleum), hydrodesulfurized heavy**

Species	rat		
LC50	>	5	mg/l
Duration of exposure		4	h

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Sensitization****Naphtha (petroleum), hydrodesulfurized heavy**

evaluation	non-sensitizing
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**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.

**Specific Target Organ Toxicity (STOT)**

No data available

**Other information**

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness.

**12. Ecological information****12.1. Toxicity****Fish toxicity**

No toxicological data are available.

**Daphnia toxicity**

No toxicological data are available.

**Algae toxicity**

No toxicological data are available.

**Bacteria toxicity**

No toxicological data are available.

**12.2. Persistence and degradability**

For this subsection there is no ecotoxicological data available on the product as such.

**12.3. Bioaccumulative potential**

For this subsection there is no ecotoxicological data available on the product as such.

**12.4. Mobility in soil**

For this subsection there is no ecotoxicological data available on the product as such.

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**12.5. Results of PBT and vPvB assessment**

The product does not contain PBT/vPvB-substances.

**12.6. Other adverse effects**

For this subsection there is no ecotoxicological data available on the product as such.

**13. Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 07 02 04\* other organic solvents, washing liquids and mother liquors  
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

**14. Transport information \*\*\*****Land transport ADR/RID \*\*\***

UN number	1325
Technical name	FLAMMABLE SOLID, ORGANIC, N.O.S.
Hazard inducing substance	Distillates (Petroleum), hydrotreated light; Kerosine-unspecified
Class	4.1
Packing group	II
Environmental labelling	ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	E

**Marine transport IMDG/GGVSee \*\*\***

UN number	1325
Technical name	FLAMMABLE SOLID, ORGANIC, N.O.S.
Hazard inducing substance	Distillates (Petroleum), hydrotreated light; Kerosine-unspecified
Class	4.1
Packing group	II
Marine Pollutant	Marine Pollutant
EmS	F-A, S-G

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

**VOC**

VOC (EU)	82,5	%
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**15.2. Chemical safety assessment**

No information available

**16. Other information****R-phrases listed in Chapter 3**

10	Flammable.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

**Hazard statements listed in Chapter 3**

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EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

**Abbreviations**

CAS: Chemical Abstracts Service  
EAK: Europäischer Abfallkatalog  
EINECS: European Inventory of Existing Commercial Chemical Substances  
vPvB: Very persistent and very bioaccumulative  
vPvB: Very persistent and very bioaccumulative  
VOC: Volatile Organic Compound

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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