

**Trade name: Waxes opaque**  
**Safety data sheet in accordance with 91/155/EEC**  
 Date of printing : 29.06.2009

**01. Identification**

01.01 Product details	
01.01.01. Trade name	Waxes opaque
01.02. Identification of the manufacturer	
01.02.01. Address	ERKODENT Erich Kopp GmbH, Siemensstr. 3, D-72285 Pfalzgrafenweiler
01.02.02. Information provided by	Chemie
01.02.03. Telephone number	Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92
01.02.04. Emergency telephone number :	

**02. Composition/information on ingredients**

02.01. Chemical characterization	HydrocarbonsWax, TiO <sub>2</sub>
02.02. Substance / product identification	-
02.03. Hazardous ingredients	None.
02.04. Additional information	-

**03. Hazards possibilities**

03.01. Hazard designation	-
03.02. Particular information pertaining specific risk for human / environment	No special hazards have to be mentioned.

**04. First aid measures**

04.01. General Information	
04.02. First aid measures / inhalation.	-
04.03. First aid measures / skin contact.	After contact with molten product cool quickly with cold water., Do not pull solidified product from skin., Cover wounds with sterile dressing., Summon a doctor immediately.
04.04. First aid measures / eye contact.	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
04.05. First aid measures / ingestion.	-
04.06. Advice to doctor	-

**05. Fire-fighting measures**

05.01. Suitable extinguishing media	foam, dry chemical extinguisher, carbon dioxide., water mist
05.02. Extinguishing media that must not be used for safety reasons	water spray jet
05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO).
05.04. Special protective equipment for firefighting	-
05.05. Additional informations (chapter 5)	-

**06. Accidental release measures**

06.01. personal precautions.	Avoid contact with skin, eyes and clothing.
06.02. environmental precautions.	-
06.03. methods for cleaning up/taking up.	Allow to set, pick up mechanically.
06.04. Additional informations (chapter 6).	-

**07. Handling and storage**

07.01. Handling	
07.01.01. Hints on safe handling.	Heated product evolves combustible vapours.
07.01.02. Hints for protection against fire and explosion.	Keep away from sources of ignition - refrain from smoking.

07.02. Storage	
07.02.01. Requirements for storage rooms and vessels.	Store product in closed containers.
07.02.02. Hints on storage assembly.	-
07.02.03. Further information on storage conditions.	Keep container tightly closed, cool and dry., Protect from heat and direct sunlight.
07.02.04. Storage category	-
07.02.05. Storage stability	May be stored indefinitely at room temperature.
07.02.06. Recommended storage temperature	-

## 08. Exposure controls/personal protection

08.01. Additional hints on technical system design.	-
08.02. Ingredients with occupational exposure limits to be monitored	-

08.03. Personal protective equipment <input type="checkbox"/> Personal protective equipment <input type="checkbox"/> Persönliche Schutzausrüstung	
08.03.01. Respiratory protection	-
08.03.02. Hand protection	-
08.03.03. Eye protection	-
08.03.04. Skin protection	-
08.03.05. General protective and hygiene measures	Avoid contact with eyes.

## 09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Wax, Solid in various forms
09.01.02. Colour	Various, depending on coloration
09.01.03. Odour	characteristic

09.02. Safety data	
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### Changes in physical state

Freezing range	70 - 110	°C	
Flash point	> 180	°C	
Ignition temperature	n.b.	°C	
self ignition			
explosion limits	n.b.		
Upper explosion limit	n.b.		
Vapour pressure	n.a.		
Density	ca. 0,93	g/cm <sup>3</sup>	
solubility	insoluble	g/l	
Soluble in	n.a.	g/l	
pH-Value	n.a.		
Viscosity	< 200	mPa	130 °C

09.03. Other information ( chapter 9.)	-
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## 10. Stability and reactivity

10.01. Hazardous reactions	Reactions with strong oxidising agents.
10.02. Hazardous decomposition products	Carbon monoxide Carbon dioxide
10.03. Thermal decomposition	No decomposition if used as prescribed.
10.04. Additional informations (chapter 10)	-

**11. Toxicological information**

11.01. Acute toxicity	
11.01.01. Acute oral toxicity	LD50 (rat) > 15000 mg/kg
11.01.02. Acute dermal toxicity	-
11.01.03. Acute inhalational toxicity	-
11.02. Irritant/corrosive effects	
11.02.01. Irritant effect on skin	-
11.02.02. Irritant effect on eyes	-
11.03. Sensitization	-
11.04. Effects after repeated or prolonged exposition (subacute, subchronic, cronic)	-
11.08. Other information (chapter 11.)	-
11.09. Experiences made in practice.	-
11.10. General remarks.	By appropriate use of the product no health damage is known.

**12. Ecological information**

12.01. Data on elimination ( persistence and degradability) :	
12.01.01. Physico-chemical eliminability	-
12.01.02. Biodegradability	-
12.02. Behaviour in environment compartments.	The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.
12.03. Ecotoxic effect	-
12.03.01. Fish toxicity	-
12.03.02. Daphnia toxicity	-
12.03.03. Algae toxicity	-
12.03.04. Bacteria toxicity	-
12.04. Further ecological information	-

**13. Disposal considerations**

13.01. Disposal considerations	
13.01.01. Disposal / product	-
13.01.02. Disposal / contaminated packagings.	Completely emptied packagings can be given for recycling.
13.02. Waste code no. / name of waste (for Germany only)	-

**14. Transport information**

14.01. Land transport ADR/RID	
14.01.01. Class	-
14.01.02. Number/letter	-
14.01.03. Hazard number (Kemler-number)	-
14.01.04. UN number	-
14.01.05. Technical name	-
14.01.06. Remarks	-
14.02. Inland waterways transport ADN/ADNR	
14.02.01. Class	-
14.02.02. Number/letter	-
14.02.03. Category	-
14.02.04. Technical name	-
14.02.05. Remarks	-
14.03. Marine transport IMDG/GGVSee	

14.03.01. Class	-
14.03.02. UN number	-
14.03.03. page	-
14.03.04. EmS	-
14.03.05. MFAG	-
14.03.06. MARINE POLLUTANT	-
14.03.07. Correct technical name	-
14.03.08. Remarks	-

14.04. Air transport ICAO/IATA	
14.04.01. Class	-
14.04.02. UN number	-
14.04.03. page	-
14.04.04. Correct technical name	-
14.04.05. Remarks	-

14.05. Other information (chapter 14.)	-
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## 15. Regulatory information

15.01. Labelling in accordance with GefStoffV/EC	
The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.	

15.02. Other regulations	
15.02.01. Restriction of occupation.	-
15.02.02. Decree for case of interference / remarks (for Germany only).	-
15.02.03. Classification according to VbF / remarks (for Germany only).	-
15.02.04. TA-Luft (Ger.)	-
15.02.05. Water Hazard Class (Ger.)	-
15.02.06. Other regulations, restrictions and prohibition regulations (for Germany only)	-

## 16. Other information (chapter 16.).

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(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.