

## Safety Data Sheet

ViaTherm®

Revision date: 25/01/2016

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

#### 1.1. Product identifier

Trade name:	ViaTherm®	
Group name:	Alkyd	
Synonyms:	ViaTherm® *** 23***	ViaTherm® *** 26***
	ViaTherm® *** 27***	ViaTherm® *** 28***
	ViaTherm® *** 29***	ViaTherm® *** 35***
	ViaTherm® *** 36***	ViaTherm® *** 41***
	ViaTherm® *** 60***	ViaTherm® *** 62***
	ViaTherm® *** 65***	ViaTherm® *** 66***
	ViaTherm® *** 69***	ViaTherm® *** 71***
	ViaTherm® *** 80***	ViaTherm® *** 81***
	ViaTherm® 27***	ViaTherm® 28***
	ViaTherm® 29***	ViaTherm® 35***

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

Recommended uses: Thermoplast for road markings.

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

##### Supplier

Company: Geveko Markings  
Address: Longelsevej 34  
Zip code: 5900 Rudkøbing  
Country: DENMARK  
E-mail: msds@gevekomarkings.com  
Phone: +45 63517171

#### 1.4. Emergency Telephone Number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

CLP Classification - other information: According to EC directives or the corresponding national regulations there is no labelling obligation for this product. The product is classified and labelled according to the CLP regulation (1272/2008)

#### 2.2. Label elements

##### Precautionary statements

P223 Do not allow contact with water.  
P232 Protect from moisture.  
P402 Store in a dry place.

##### Supplemental information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

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### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Quartz - not resp.	14808-60-7	238-878-4		25 - 50%		
Resin acids and Rosin acids, maleated, esters with glycerol	94581-16-5	305-515-7	02-2119781501-41-xxxx	5 - 15%		Skin Sens. 1;H317 Eye Irrit. 2;H319 Aquatic Chronic 4;H413
Titandioxid	13463-67-7	236-675-5	01-2119489379-17-xxxx	1 - 12%		

Please see section 16 for the full text of H-phrases.

**Ingredient comments:** The product is classified and labelled according to the CLP regulation (1272/2008)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation:</b>	Exposure to dust/fumes/vapours/aerosols: Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Drink water. Seek medical advice in case of discomfort.
<b>Skin contact:</b>	Rinse with water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Rinse thoroughly with water until the irritation subsides. Seek medical advice in case of persistent discomfort.
<b>Burns:</b>	The melted product can cause severe burns. Following contact with the melted product, quickly cool affected skin area with water. Seek medical advice in case of persistent discomfort.
<b>General:</b>	No symptoms known up to now. When obtaining medical advice, show the safety data sheet or label. May cause allergic eczema in already sensitised persons.

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

No symptoms known up to now.

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

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Fire can be extinguished with carbon dioxide, powder, foam or water spray.

**Unsuitable extinguishing media:** Do not use water in a focused jet.

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

Thermal decomposition can lead to the escape of irritating gases and vapors. In case of inhalation of decomposition products, take the affected person into the fresh air and sit him quietly.

### 5.3. Advice for fire-fighters

Carbon monoxide may be formed in the event of incomplete combustion. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases seek fresh air.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel:** No special precautions required.

**For emergency responders:** Use the product under well-ventilated conditions, preferably outdoors. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

### 6.2. Environmental precautions

Prevent discharge of larger quantity to drain.

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

Sweep up the material.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use the product under well-ventilated conditions, preferably outdoors. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Avoid handling which leads to dust formation.

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

The product must be stored safely, out of reach of children and away from food, feed, medicines, etc.. have been excluded. Store in dry conditions. VCI storage class: LGK 13

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Legal basis:** EH40/2005 Workplace exposure limits incl. supplement from October 2007.

### 8.2. Exposure controls

**Exposure controls:** Ensure compliance with local regulations for emissions.

**Personal protective equipment, eye/face protection:** No special precautions required.

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**Personal protective equipment, hand protection:** No special precautions required.

**Personal protective equipment, skin protection:** No special precautions required.

**Personal protective equipment, respiratory protection:** No special precautions required.

**Heating hazards:** Do not get water inside container.

**Other Information:** Ensure compliance with local regulations for emissions.

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

Parameter	Value/unit
State	Granulate
Colour	
Odour	Odourless.
Solubility	
Explosive properties	Non-explosive
Oxidising properties	

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	90 - 150 °C	
Freezing point	No data	
Initial boiling point and boiling range	260 > °C	
Flash Point	250 > °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

**9.2 Other information**

Parameter	Value/unit	Remarks
Density	1,8-2,2 g/cm <sup>3</sup>	

**Other Information:** Solubility in water: Insoluble in water.

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

Reacts with strong oxidizing agents.

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#### 10.2. Chemical stability

The product is stable when used in accordance with the suppliers directions.

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

Avoid contact with moisture and water.

#### 10.5. Incompatible materials

Oxidizer storage.

#### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and toxic gases such as CO and CO<sub>2</sub> may be released.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Acute toxicity - oral:</b>	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are available SMB-3-PH-11/501.
<b>Acute toxicity - inhalation:</b>	The product does not release hazardous vapours. The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	The product does not have to be classified. Test data are available SMB-3-PH-11/501.
<b>Serious eye damage/eye irritation:</b>	May be slightly irritating. The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information available

#### 12.4. Mobility in soil

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No information available

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

**Category of waste:** Suitable classification of waste is the responsibility of the user.

## SECTION 14: Transport information

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

**Other Information:** ViaTherm® is in its unheated form is not classified as hazardous . ViaTherm® heated to over 100 ° C are classified as dangerous goods UN3257

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

**Other Information:** ViaTherm® is in its unheated form is not classified as hazardous . ViaTherm® heated to over 100 ° C are classified as dangerous goods UN3257

## SECTION 16: Other information

### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	25/01/2016		

**Other Information:** The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

### List of relevant H-statements

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H413 May cause long lasting harmful effects to aquatic life.

**Document language:** GB