

# Material Safety Data Sheet



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Point 1-16

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

### 1.1

Description of Product: MonoConfalt® Dry Ready mixed mortar for Semi Flexible Grouted Asphalt  
Tradename: MonoConfalt® Mortar  
Product Nr.: 00.00

### 1.2 IDENTIFICATION OF COMPANY

Producer: Contec ApS  
Street: Axel Kiers Vej 30  
Country/City: DK . 8270 Højbjerg  
Contact: Telefon +45 86 721 722  
Telefax +45 86 721 723

## 2. INFORMATION ON COMPONENTS

### 2.1 CHEMICAL DESCRIPTION AND COMPONENT IDENTIFICATION

Hydraulic Binder mixed with silica sand as dry ready mixed mortar:

Portland Cement	8-14 %	65997-15-1
Silica sand	15-30 %	14808-60-7
Amourphous Silica	1-5 %	7631-86-9
Granite aggregates	40-70 %	14808-60-7
Iron Oxide	0-4%	1309-37-1
Chromates im Zement	0-0.002%	Various

### 2.2 HAZARDOUS CONTENTS

Portland Cement		
CAS-Nr. 65 997-15-1	EWG-Nr. 266-043-4	Content: 8-14%
Marking: X <sub>i</sub>	Irritant	R38-41

## 3. HAZARD IDENTIFICATION

3.1 Hazard marking	X <sub>i</sub> irritant
3.2 Special hazard instructions for people	R 38 May cause irritant skin R 41 may cause eye damages

## 4. FIRST AID MEASURES

4.1 General instructions	Not Applicable (NA)
4.2 Inhalation	Follow doctors order
4.3 Skin contact	Rinse thoroughly with water and evtl. contact doctor
4.4 Eye Contact	Rinse thoroughly with water and contact doctor (S 26)

4.5	Informations for doctor	NA			
<b>5. Firefighting measures</b>					
5.1	Firefighting products		NA since Product non-combustible		
5.2	Hazardous combustion products		NA		
5.3	General Hazard of gas or by products		NA		
5.4	Special protection equipment		NA		
<b>6. ACCIDENTAL RELEASE MEASURES</b>					
6.1	Personal protection measures	Avoid skin- and eye contact, avoid generating dust, secure adequate amount of fresh air and use respiratory protection mask.			
6.2	Environmental protection	Avoid dry powder and wet mortar to penetrate canals due to blocking risk. The products is uncritical to the environment.			
6.3	Land and water spill	Clean up spilled material			
6.4	Additional instructions	Hardens after contact with water after 5 to 8 hours, can be disposed like concrete.			
<b>7. HANDLING AND STORAGE</b>					
7.1	General	Avoid generating dust			
	Directions for safe handling	Avoid contact with eyes and skin During work avoid contact with wet material and avoid direct skin contact with protective clothing.			
	Directions to fire- and explosive protection	NA			
7.2	Storage	Store dry protected against humidity in a covered area on pallets			
	Directions for storage	Store dry protected against humidity in a covered area on pallets			
	Joint storing advise	NA			
	Extra request to storage	NA			
	Classification	NA			
<b>8. EXPOSURE CONTROLE - PERSONAL PROTECTION</b>					
8.1	Engineering controls	NA			
8.2	<b>Contents with working area limited values</b>				
	CAS-Nr.	Type	Value for limit	Value	Unit
	68475-76-3	Portland Cement	MAK-value	5	mg/m <sup>3</sup> (E)
Werte nach TRGS 900					

### 8.3 Personal protection

<b>Inhaling protection</b>	Dust may cause nose, throat or lung irritation. Use particle filtering mask or Particle Filter P1-P3
<b>Hand protection</b>	Use gloves approved for working with mortar and concrete. As example nitril saturated cotton gloves with CE-Sign.
<b>Eye protection</b>	Wear glasses or safety goggles to prevent contact with eyes. As example Type XZZ 3 oder 4
<b>Body protection</b>	NA
<b>Schutz- und Hygienemaßnahmen</b>	Protect skin with lotion before and after work according to skin protection plan ZH 1/708

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1

Physical state	Solid Powder
Colour	Grey
Odor	None

### 9.2 Safety Data

	Value	Value	Method (67/548/EEC)
Boiling Point	≥ 1.000	°C	NA
Flame point		°C	NA
Ignition Temperature		°C	NA
Self ignite temperature		°C	NA
Explosive hazard			NA
Explosion limits			NA
Vapor pressure		hpa	NA
Density	2,1 - 2,3	g/cm <sup>3</sup>	A.3 1.4.2
Solubility in water	bis 1,5 T=20°C	g/l	A.6 1.4.2
pH-Value	11 - 12		
Solvent content		%	NA

### 9.3 Further informations

NA

## 10. STABILITY AND REACTIVITY

<b>10.1 Conditions to avoid</b>	Humidity
<b>10.2 Products to avoid</b>	NA
<b>10.3 Hazardous products</b>	NA
<b>10.4 Further specifications</b>	NA

## 11. TOXICOLOGICAL INFORMATIONS

### 11.1 Toxicological tests

Acute Toxity	NA
Spezifik	NA

Symptoms	
	Skin irritating behaviour
Sensibilisation	NA
Further specifications	NA
<b>Practical experience</b>	
Classifying	
11.2 Observations	NA
Further Observations	Product mixed with water can by longer contact with skin irritate and create skin damages. Mechanical abrasion of skin kann increase this damage.
11.3 <b>General observations</b>	NA

## 12. ECOLOGICAL INFORMATION

12.1 <b>Specifications on Elimination</b>	NA as Mineral product
12.2 <b>Behaviour to Invironment</b>	NA as Mineral product
12.3 <b>Ecological influence</b>	Only by accidental release of extremely large amounts mixed with water an increased Ph-value is possible. lich
12.4 <b>Further Ecological Specifications</b>	No available informations

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Product (unused Restamount)

Recommendation	Dry collected reusable
EWC-Wastekey-Nr.	NA

### 13.2 Product (after mixing with water, hardened)

Recommendation	mixed with water treat as hardened concrete
EWC-Wastekey-Nr	170101 Concrete (simplified documentation at more than 5 ton per year and producer



