

# Material Safety Data Sheet



Printdate: 15.12.09

Last approval: 15.12.09

Point 1-16

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

### 1.1

Description of Product: CONFALT® Dry Ready mixed mortar for Semi Flexible Grouted Asphalt  
Tradename: CONFALT® Mortar  
Product Nr.: 05.03

### 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	45 -75%	CAS-Nr. 65 997-15-1
Silica sand	25 -45%	CAS-Nr. 14808-60-7
Iron Oxide	0 - 5%	CAS- Nr. 1309-37-1
Amorphous Silica	5 -25%	CAS-Nr. 7631-86-9

### 2.2 HAZARDOUS CONTENTS

Portland Cement		
CAS-Nr. 65 997-15-1	EWG-Nr. 266-043-4	Content: 45-75%
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.</b>	<b>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.</b>	<b>ACCIDENTAL RELEASE MEASURES</b>	
6.1	<b>Personal protection measures</b>	Avoid skin- and eye contact, avoid generating dust, secure adequate amount of fresh air and use respiratory protection mask.
6.2	<b>Invironmental protection</b>	Avoid dry powder and wet mortar to penetrate canals due to blocking risk. The products is uncritical to the invironment.
6.3	<b>Land and water spill</b>	Clean up spilled material
6.4	<b>Additional instructions</b>	Hardens after contact with water after 5 to 8 hours, can be disposed like concrete.

<b>7.</b>	<b>HANDLING AND STORAGE</b>	
7.1	<b>General</b>	
	Directions for safe handling	Avoid generating dust  Avoid contact with eyes and skinDuring work avoid contact with wet material and avoid direct skin contact with protective clothing.
	Directions to fire- and explosive protection	NA
7.2	<b>Storage</b>	
	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 Contents with working area limited values				
CAS-Nr.	Type	Value for limit	Value	Unit
68475-76-3	Portland Cement	MAK-value	5	mg/m³ (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 Symptoms	NA

Skin irritating behaviour

Sensibilisation NA

Further specifications NA

**Practical experience**

11.2 Observations Classifying 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 General observations NA

**12. ECOLOGICAL INFORMATION**

12.1 Specifications on Elimination NA as Mineral product

12.2 Behaviour to Invironment NA as Mineral product

12.3 Ecological influence Only by accidental release of extremely large amounts mixed with water an increased Ph-value is possible. lich

12.4 Further Ecological Specifications 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 concrte

EWC-Wastekey-Nr 170101 Concrete (simplified documentation at more than 5 ton per year and producer

### 13.3 Uncleaned packings

recommendations                      When receiving used bags removal of solid rest material possible.

Cleaning chemical                      NA

## 14. REQUIRED TRANSPORT INFORMATION

**14.1 Landtransport Informations**                      The product is a no harm product without need of marking for any landtransport.

**14.1 Seatransport Informations**                      The product is a no harm product without need of marking for any seatransport.

## 15. REGULATORY INFORMATION

### 15.1 Classification

Marking as of regulation 829	X <sub>i</sub>	irritating
R-Numbers	R 38 R 41	Irritating skin Risk of severe eye damages
S-Numbers	S 2 S 22 S 24 S 25 S 26  S 36 S 37	Not allowed in the hand of kids Avoid inhaling dust Avoid contact with skin Avoid eye contact In case of eye contact rinse thoroughly with water and contact doctor Carry appropriate protective clothes when working Carry appropriate gloves

### 15.2 National classifications

Notification to working limitations    NA

Accidental rules                      NA

Classification after VbF    NA

Technical specification Nr. 3.1.5 air

Wasser damaging classification WGK    WGK 1 (limited waterdamaging)

## 16. FURTHER INFORMATIONS

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