

# SAFETY DATA SHEET

# GB

pursuant to the Danish Ministry of Labour's Regulation No. 540/485 and EU Directives 91/155 and 93/112

## 1. Identification of material/product and of company

Name of product: Densit® WearCast 500, 1000, 2000, 2000 HT, 3000 - Densit® WearFlex 500, 1000, 1000 HT, 2000, 2000 Rapid, 2000 HT, 3000 - Densit® WearSpray 500, 2000 - Densit® WearTix 2000

Applications: Castable materials for wear resistant, hard and impervious coatings, linings and castings.

Manufacturer: Densit a/s · 44, Rørdalsvej · PO Box 220 · DK-9100 Aalborg · Denmark

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## 2. Composition/information on ingredients

Ingredient	CAS number	Content %	Hazard Classification
Portland Cement	65997-15-1	0-97	Xi, R37/38-41
Calcium Aluminate Cement	12042-68-1	0-89	Xi, R37/38-41

## 3. Hazards

Inhaling dust from the products can irritate the throat and cause coughing. Frequent inhaling over very long periods may cause lung diseases. Dust as well as splashes from the products when mixed with water may cause permanent eye disease. Rinse immediately with plenty of water. Dust from the products can irritate wet skin. Skin contact with the products when mixed with water may cause cauterization.

## 4. First aid

**After inhaling:** The person affected should be moved into fresh air and kept calm under observation. If necessary, seek help in the emergency room taking this data sheet with you.

**After skin contact:** Remove any contaminated clothing and rinse the skin thoroughly with water.

**After eye contact:** Rinse immediately with plenty of water for at least 15 minutes. Remove any contact lenses and open the eyes wide. In case of continued irritation, continue rinsing during transport to the emergency room. Bring these instructions with you.

**After swallowing:** Rinse the mouth immediately and drink plenty of liquid, preferably milk. Keep the person concerned under observation. Do not provoke vomiting. If there is vomiting, keep the head low. Bring the person concerned to the emergency room immediately. Bring these instructions with you.

## 5. Fire-fighting

**Appliances:** No special requirements. Fire-fighting appliances are to be chosen with due regard to any other chemicals present.

**Special risks:** The product is non-combustible.

## 6. Special precautions in case of accidental spillage

**Personal safety precautions:** Avoid inhaling dust, lengthy contact with skin and contact with eyes.

**Environmental protection:** Densit® products should not be disposed of in nature but be collected and delivered in accordance with arrangements made with the local authorities.

**Cleaning up:** Spill material should be removed with a vacuum cleaner. Avoid spreading dust.

## 7. Handling and storage

**Handling:** Avoid spreading dust.

**Storage:** Should be stored in a closed original packing. Densit® products must be kept in a dry place, out of the reach of children.

## 8. Exposure control/personal protection

**Workplace facilities:** Easy access to plenty of water and to eye baths.

**Limit values:** Mineral dust, inert: 10 mg/m<sup>3</sup>. Ref. Danish Factory Inspectorate instruction 3.1.0.2. Respirable dust, inert: 5 mg/m<sup>3</sup>.

**Personal protection:** In dusty conditions, protective mask with particle filter (min. P2) to be used. Use rubber safety gloves and, where there is a risk of the whirling up of dust or splashing with Densit® mix, use goggles/face screen.

**Other:** On completion of work and before a work break, wash hands thoroughly and apply moisturizing cream. After work, remove dirty clothing and wash the skin thoroughly with soap and water.

## 9. Physical and chemical characteristics

**Appearance:** Form: Powder Smell: None

**pH value:** About 13 (product dissolved in water).

## 10. Stability and reactivity

**Stability:** Stable.

**Circumstances/materials to be avoided:** The products set on contact with water and moisture.

**Dangerous breakdown products:** None.

## 11. Toxicological information

**Inhalation:** Dust may irritate respiratory passages and cause throat irritation and coughing.

**Skin contact:** Dust will irritate moist skin. Contact with the product when mixed with water may cause cauterization.

**Eye contact:** Dust or splashing from products when mixed with water involves the risk of serious eye injury.

**Swallowing:** Swallowing could cause extreme irritation of the mouth, throat and gastrointestinal canal.

**Long-term effects:** Frequent inhalation of dust over a long period may cause serious lung disease.

## 12. Environmental information

**Mobility:** Immobile. **Degradability:** Is not degradable.

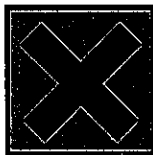
## 13. Disposal

Large quantities of waste are to be delivered in accordance with arrangements made with the local authorities.

## 14. Transport information

Regarded as safe for transport purposes.

## 15. Information on regulation



Classification and marking in accordance with regulation no. 829 of the Danish Ministry of the Environment. When mixing with water calcium hydroxide is formed which can have a corrosive effect on the skin and to the eyes.

Irritating to respiratory system and skin.  
Risk of serious damage to eyes.

Keep out of the reach of children.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Packaging must be stored dry.

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## 16. Other information

**Instruction/limitations:** The user must have been instructed in working methods and know the contents of this data sheet.