

# Material Safety Data Sheet

## DuoCrete SD

Last revised 14/12/2011

<b>1. Product and Company Information</b>	
Trade Name	DuoCrete SD
Usage	Embedding metallic anodes into concrete
Supplier	Concrete Preservation Technologies Ltd
Address	Enterpriselab The Colin Campbell Building University of Nottingham Innovation Park Triumph Road Nottingham NG7 2TU
Phone Number	+44 (0)115 8229 430
Fax Number	+44 (0)115 9220 316

<b>2. Composition / Information on ingredients</b>	
Composition	Slaked lime >40%, water, inorganic fillers
Hazardous ingredient(s)	Calcium hydroxide
CAS No	1305-62-0
EC No	215-137-3

<b>3. Hazard Identification</b>	
Risk of serious damage to eyes	

<b>4. First Aid measures</b>	
After eye contact	In case of contact immediately flush eyes with copious amounts of water for at least 15 minutes.
After skin contact	In case of contact immediately wash skin with soap and copious amounts of water.
After ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
After inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing difficult give oxygen

<b>5. Fire fighting measures</b>	
Extinguishing media	Dry chemical powder
Special risks	Emits toxic fumes under fire conditions
Protective equipment for fire fighting	Wear self contained breathing apparatus and full protective clothing

<b>6. Accidental release measures</b>	
Personal precautions	Use personal protection appropriate to the situation and quantity handled. The use of rubber gloves, and safety goggles is recommended. If dust is generated use a dust mask or respirator
Spillages	Scoop up spillages and place in a container. Avoid creating dusts. Wear appropriate respiratory protection, safety glasses and overalls as a precaution.

<b>7. Handling and storage</b>	
Handling	Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure
Storage	Store in original packs/containers

<b>8. Exposure controls / Personal protection</b>	
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Occupational exposure standard	None assigned to lime putty
Hand protection	Compatible chemical resistant gloves (rubber)
Eye protection	Goggles or safety glasses should be worn
Respiratory protection	The use of a dust mask is recommended if dust is likely to be generated

### 9. Physical and Chemical properties

Physical state	Water based putty
Colour	White
Odour	None
Bulk density	1.3 – 1.4 g/cm <sup>3</sup>
Specific gravity	1.3 – 1.6 g/cm <sup>3</sup>
Explosion limits	No known explosion hazard
Flammability	Not flammable

### 10. Stability and reactivity

Stability	Stable
Materials to avoid	Strong acids

### 11. Toxicological information

Skin contact	May cause skin irritation
Eye contact	Causes severe eye irritation
Ingestion	May be harmful if swallowed
Inhalation	May be harmful if inhaled. May be irritating to mucous membranes and upper respiratory tract

### 12. Ecological information

No known adverse environmental effects
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### 13. Disposal considerations

Product disposal	Disposal via an approved landfill. Observe all federal, state and local environmental regulations
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### 14. Transport regulations

RID/ADR	Non hazardous for road transport
IMDG	Non hazardous for sea transport
IATA	Non hazardous for air transport

### 15. Regulatory information

Risk symbol	Xi
Hazard classification	Irritant
R phrases (risk)	41: Risk of serious damage to eyes
S phrases (safety)	26-39 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection

### 16 Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Concrete Preservation Technologies Ltd shall not be held liable for any damage resulting from handling or contact with the above product. It is the employers responsibility to inform employees and others who may be affected of any hazards described above and any precautions which should be taken. If purchased to supply to a third party, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.