

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

### 1.1 Product identifier

#### Identification on the label/Trade name

#### label designation/Name of product

IDEAL-BOND

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

#### Relevant identified uses

##### Sector of uses [SU]

SU19 Building and construction work.

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

IDEAL WORK SRL

Via Kennedy 52

Italy-31030 Vallà di Riese Pio X

P.O. Box:

Telephone: 0423 / 4535

Telefax: 0423 / 748429

E-mail: [sicurezza@idealwork.it](mailto:sicurezza@idealwork.it)

### 1.4 Emergency telephone number

#### Emergency telephone number

Poison center Birmingham: +44 121 507 4123

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

No data available

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Hazard pictograms



GHS07

#### Signal word

Danger



GHS05

#### Hazard Statements:

##### Hazard statements for health hazards:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

#### Precautionary Statements:

##### General:

P102 Keep out of reach of children.

##### Prevention:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

##### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of water/.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### 2.3 Other hazards

No data available

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## SECTION 3: Composition / information on ingredients

### 3.1/3.2 Mixture related information

#### Hazardous ingredients

Calcium formate	1 - 2,5 %
CAS 544-17-2	
EC 208-863-7	
Acute Tox. 4, H302 / Acute Tox. 4, H312	
Portland cement	50 - 60 %
CAS 65997-15-1	
EC 266-043-4	
Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Eye Dam. 1, H318 / STOT SE 3, H335	
Calcium sulphate	2,5 - 10 %
CAS 7778-18-9	
EC 231-900-3	
Aluminous cement	2,5 - 10 %
CAS 65997-16-2	
EC 266-045-5	
Eye Dam. 1, H318 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / STOT SE 3, H335	

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Consult a physician if problems persist.

#### Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

#### After eye contact

Consult an ophthalmologist. If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### After ingestion

Do not induce vomiting. Rinse mouth immediately and drink plenty of water.

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

No data available

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

No data available

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Extinguishing powder

Foam

#### Unsuitable extinguishing media

Water

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

No data available

### 5.3 Advice for firefighters

No data available

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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

##### Personal precautions

See protective measures under point 7 and 8.

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## 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

## 6.3 Methods and material for containment and cleaning up

No data available

## 6.4 Reference to other sections

Disposal: see section 13

Safe handling: see section 7

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

#### Advices on safe handling

Working places should be designed to allow cleaning at any time.

#### Measures to prevent fire

The product is not:

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

#### Hints on joint storage

#### Materials to avoid

Keep away from:

#### Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.

### 7.3 Specific end use(s)

#### Recommendation

Observe technical data sheet.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

##### Suitable eye protection:

Tightly sealed safety glasses.

##### Skin protection

##### Skin protection

##### Suitable material:

Butyl caoutchouc (butyl rubber)

NBR (Nitrile rubber)

FKM (fluoro rubber)

##### Body protection:

##### Suitable protective clothing:

Overall

##### Respiratory protection

##### Suitable respiratory protection apparatus:

particle filter device (DIN EN 143)

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

Powder

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**Colour**

grey

**Odour**

characteristic

		parameter	Method - source - remark
pH	11 - 13,5	at °C: 20 °C	
Melting point/freezing point	1400 °C		
Initial boiling point and boiling range			No data available
Flash point (°C)			No data available
Evaporation rate			No data available
Flammable solids			Non-flammable.
Flammable aerosols			No data available
Upper explosion limit (Vol-%)			Non-flammable.
Lower explosion limit (Vol-%)			No data available
Vapour pressure			No data available
Density	0,89 g/cm³	at °C: 20 °C	
Vapour density			No data available
Fat solubility (g/L)			No data available
Water solubility (g/L)			No data available
Soluble (g/L) in			No data available
Partition coefficient: n-octanol/water			No data available
Auto-ignition temperature			No data available
Auto-ignition temperature			No data available
Decomposition temperature			No data available
Explosives			No data available
Oxidising gases			No data available
Oxidising liquids			No data available
Oxidising solids			No data available

**9.2 Other safety information**

No data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

**Materials to avoid**

Acid

### 10.6 Hazardous decomposition products

No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal / Package

#### Contaminated packaging:

Completely emptied packings can be re-cycled.

**Waste code packaging** 101314

**Waste requires special monitoring:** No

#### Waste name

waste concrete and concrete sludge

**Waste code product** 170101

**Waste requires special monitoring:** No

#### Waste name

concrete

## SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

### remark - Land transport (ADR/RID)

No dangerous good in sense of this transport regulation.

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**remark - Sea transport (IMDG)**

No dangerous good in sense of this transport regulation.

**remark - Air transport (ICAO-TI / IATA-DGR)**

No dangerous good in sense of this transport regulation.

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**SECTION 15: Regulatory information**

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

**National regulations**

**Germany**

**Water hazard class (WGK)**

schwach wassergefährdend (WGK 1)

**15.2 Chemical Safety Assessment**

No data available

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**SECTION 16: Other information**

**Key literature references and sources for data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.