

Safety data sheet
according to 1907/2006/EC, Article 31

Printing Date: 17.04.2023

Version Number: 4.0

Revision Date: 17.04.2023

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

1.1 Product identifier:

Trade name: ***BETEC 350***

UFI: HMW0-P0D7-J00X-3CVD

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

Relevant identified uses of the substance or mixture: Waterproofing.

Identified uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/supplier:

De Neef Construction Chemicals BVBA
Industriepark 8,
2220 Heist-op-den-Berg,
Belgium.

Tel: +32 15 24 93 60

Fax: +32 15 24 80 72

www.gcpat.comFurther information obtainable from: msds.gcp@gcpat.com

1.4 Emergency telephone number:

For Chemical Emergency: (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:

Within USA & Canada : 800-424-9300,
Outside USA & Canada : +1 703-741-5970

National emergency telephone number: CHEMTREC UK +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable silica dust may cause silicosis. Occupational exposure to respirable crystalline silica should be monitored and controlled.

This product should be handled with care to avoid dust generation.

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS05

GHS07

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Trade name: BETEC 350

(Contd. of page 1)

Signal word Danger**Hazard-determining components of labelling:**Portland cement
Calcium aluminate sulfate**Hazard statements**H315 Causes skin irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.**Precautionary statements**P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.**Additional information:** Avoid breathing dust.**2.3 Other hazards:****Results of PBT and vPvB assessment:****PBT:** Not applicable.
vPvB: Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:**Mixture of substances listed below with non-hazardous additions.
For further information, please refer to the product technical data sheet.**Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4 Reg.nr.: 01-2120770509-45-XXXX	Quartz (SiO ₂) substance with a Community workplace exposure limit	50-<100%
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	20-<25%
CAS: 12005-25-3 EC number: 818-462-4	Calcium aluminate sulfate Skin Sens. 1, H317	1-<3%

SECTION 4: First aid measures**4.1 Description of first aid measures:****General information:** Get medical advice/attention if you feel unwell.**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.**After skin contact:**Take off immediately all contaminated clothing, and wash immediately with plenty of soap and water.
IF exposed or concerned: Get medical advice/attention.**After eye contact:**

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

IF exposed or concerned: Get medical advice/attention.

(Contd. on page 3)

GB

Safety data sheet
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Trade name: *BETEC 350*

(Contd. of page 2)

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

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

May cause sensitisation by skin contact.

Risk of serious damage to eyes.

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

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media:****Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

CO₂, powder.**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** Wear self-contained respiratory protective device.**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.**6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:**

Do not breathe dust.

Do not eat, drink or smoke when using this product.

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

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

Fit dust covers to mixers.

Danger of wet slippery surfaces.

Information about fire - and explosion protection: No special measures required.

(Contd. on page 4)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing Date: 17.04.2023

Version Number: 4.0

Revision Date: 17.04.2023

Trade name: **BETEC 350**

(Contd. of page 3)

7.2 Conditions for safe storage, including any incompatibilities:**STORAGE****Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:**

Keep container tightly sealed.

Store in a dry place.

Keep cool.

7.3 Specific end use(s): No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters:****Ingredients with limit values that require monitoring at the workplace:****14808-60-7 Quartz (SiO₂)**WEL | Long-term value: 0.1 mg/m³**65997-15-1 Portland cement**WEL | Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust**DNELs****65997-15-1 Portland cement**Inhalative | DNEL long term local eff | 10 mg/m³ (workers)**Additional information:**

Based on the lists valid at the date of SDS creation.

Atmospheric levels of dust must be maintained within the WEL. Where mechanical methods are inadequate protective equipment must be used.

8.2 Exposure controls:**Appropriate engineering controls** No further data; see item 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Use an approved dust mask.

EN 143.

Hand protection

Protective gloves.

EN 374.

Material of gloves: Rubber gloves.**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles.

EN 166.

(Contd. on page 5)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing Date: 17.04.2023

Version Number: 4.0

Revision Date: 17.04.2023

Trade name: **BETEC 350**

(Contd. of page 4)

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties:****GENERAL INFORMATION**

Physical state	Solid.
Colour:	Grey.
Odour:	Characteristic.
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Not determined.
Flammability Limits :	
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Method:	
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	11
VISCOSITY	
Kinematic viscosity	Not applicable.
Dynamic:	Not applicable.
Solubility	
Water:	Insoluble.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density at 20 °C:	1.5-2 g/cm ³
Vapour density:	Not determined.
Particle characteristics	See item 3.

9.2 Other information:

Appearance:	
Form:	Powder.
Important information on protection of health and environment, and on safety:	
Auto-ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Molecular weight	Not determined.

Information with regard to physical hazard classes

Explosives	Not applicable.
Flammable gases	Not classified.
Aerosols	Not classified.
Oxidising gases	Not classified.
Gases under pressure	Not classified.
Flammable liquids	Not classified.
Flammable solids	Not classified.
Self-reactive substances and mixtures	Not classified.
Pyrophoric liquids	Not classified.
Pyrophoric solids	Not classified.
Self-heating substances and mixtures	Not classified.
Substances and mixtures, which emit flammable gases in contact with water	Not classified.
Oxidising liquids	Not classified.
Oxidising solids	Not classified.
Organic peroxides	Not classified.
Corrosive to metals	Not classified.

(Contd. on page 6)

GB

Safety data sheet
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Version Number: 4.0

Revision Date: 17.04.2023

Trade name: *BETEC 350*

(Contd. of page 5)

Desensitised explosives

Not classified.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable under normal conditions.

No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

No further relevant information available.

10.4 Conditions to avoid: No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

ACUTE TOXICITY Based on available data, the classification criteria are not met.**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/irritation

May injure eye tissue if not removed promptly.

Causes serious eye damage.

Ingestion: May cause burns to mouth, throat, and stomach.**Respiratory or skin sensitisation** May cause an allergic skin reaction.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** May cause respiratory irritation.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.

Additional toxicological information:

May cause respiratory irritation.

Cement cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity:

AQUATIC TOXICITY No further relevant information available.**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.

(Contd. on page 7)

Safety data sheet
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(Contd. of page 6)

12.4 Mobility in soil: No further relevant information available.**12.5 Results of PBT and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects:**ADDITIONAL ECOLOGICAL INFORMATION****General notes:** Must not reach sewage water or drainage ditch undiluted or unneutralised.**SECTION 13: Disposal considerations****13.1 Waste treatment methods:****Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue:

10 00 00	WASTES FROM THERMAL PROCESSES
10 13 00	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10

UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR, IMDG, IATA

Not Regulated

14.2 UN proper shipping name

ADR, IMDG, IATA

Not Regulated

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Not Regulated

14.4 Packing group

ADR, IMDG, IATA

Not Regulated

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user:

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not Regulated

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

See Section 2 for hazard identification.

(Contd. on page 8)

GB

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Trade name: *BETEC 350*

(Contd. of page 7)

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Department issuing SDS:

Product Stewardship Department
GCP Applied Technologies (UK) Limited
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Slough, Berkshire
SL1 4EP

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GB