

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

#### 1.1 Product identifier

**Product Name:** Cretex Rapid

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

**Material uses:** Concrete protection and repair system

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

**Company Name:** Polycote UK  
Centre Point  
Wolseley Road  
Woburn Road Industrial Estate  
Kempston  
Beds  
MK42 7EF  
**Telephone Number:** 01234 846400  
**Emergency Contact Number:** 111 (NHS England)  
**Email address:** [uksales@polycote.com](mailto:uksales@polycote.com)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.3 Other hazards:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substance: Non-applicable

#### 3.2 Mixtures:

##### Components

Chemical Name	CAS-No EC-No. Registration number	Classification	Concentration (% w/w)
Substances with a workplace exposure limit:			
Quartz (SiO <sub>2</sub> )	14808-60-7 238-878-4		>= 60 - < 80
magnesium oxide	1309-48-4 215-171-9		>= 5 - < 10

For explanation of abbreviations see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

**General advice:** No hazards which require special first aid measures.

**By inhalation:** Move to fresh air.

**By skin contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

**By eye contact:** Remove contact lenses.  
Keep eye wide open while rinsing.

**By ingestion/aspiration:** Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

**Symptoms:** See Section 11 for more detailed information on health effects and symptoms.

**Risks:** No known significant effects or hazards.

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

**Treatment:** Treat symptomatically.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** In case of fire, use water/water spray/water jet/carbon diox-ide/sand/foam/alcohol resistant foam/chemical powder for extinction.

**SECTION 5: FIRE FIGHTING MEASURES (continued)****5.2 Special hazards arising from the substance or mixture:**

**Hazardous combustion products:** No hazardous combustion products are known

**5.3 Advice for firefighters:**

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.

**Further information:** Standard procedure for chemical fires.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:**

**Personal precautions:** Avoid breathing dust.

**6.2 Environmental precautions:** No special environmental precautions required.

**6.3 Methods and material for containment and cleaning up:** Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections:** For personal protection see section 8.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:**

**Advice on safe handling:** For personal protection see section 8.  
No special handling advice required.  
Follow standard hygiene measures when handling chemical products

**Advice on protection against fire and explosion:** Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.  
**Hygiene measures** When using do not eat or drink. When using do not smoke.

**7.2 Conditions for safe storage, including any incompatibilities:**

**Requirements for storage areas and containers:** Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

**Advice on common storage:** No special restrictions on storage with other products.

**Further information on storage stability:** Keep in a dry place.  
No decomposition if stored and applied as directed.

**7.3 Specific end use(s)** Not applicable

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters:****Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters *	Basis *
magnesium oxide	1309-48-4	TWA (inhalable dust)	10 mg/m <sup>3</sup> (Magnesium)	GB EH40
		TWA (Respirable dust)	4 mg/m <sup>3</sup> (Magnesium)	GB EH40
		TWA (Fumes)	10 mg/m <sup>3</sup> (Magnesium)	GB EH40

\*The above mentioned values are in accordance with the legislation in effect at the date of the re-lease of this safety data sheet.

**General dust value:**

Form of exposure	Value type	Control parameters	Basis
Inhalable	TWA	10 mg/m <sup>3</sup>	GB EH40
Respirable fraction	TWA	4 mg/m <sup>3</sup>	GB EH40

**8.2 Exposure controls:****Personal protective equipment**

**Eye/face protection:** Safety glasses

**Hand protection:** Chemical-resistant, impervious gloves complying with an ap-proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.

**Skin and body protection:** Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

**Respiratory protection:** Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
particulate filter P  
P1: Inert material; P2, P3: hazardous substances  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**Environmental exposure controls**

**General advice:** No special environmental precautions required.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties:**

Physical state °C:	solid
Appearance:	powder
Colour:	dark grey
Odour:	odourless
Melting point/range / Freezing point:	No data available
Boiling point/boiling range:	No data available
Flammability (solid, gas):	No data available

**Upper/lower flammability or explosive limits**

Upper explosion limit / Upper flammability limit:	No data available
Lower explosion limit / Lower flammability limit:	No data available
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable

**Viscosity**

Viscosity, kinematic:	20,5 mm <sup>2</sup> /s (40 °C)
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**Solubility(ies)**

Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Density:	No data available
Bulk density:	1.600 kg/m <sup>3</sup>
Relative vapour density:	No data available
Particle characteristics:	No data available

**9.2 Other information**

No data available

**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical stability:</b>	The product is chemically stable.
<b>10.3 Possibility of hazardous reactions:</b>	
Hazardous reactions:	No hazards to be specially mentioned.
<b>10.4 Conditions to avoid:</b>	No data available
<b>10.5 Incompatible materials:</b>	No data available
<b>10.6 Hazardous decomposition products:</b>	No decomposition if stored and applied as directed.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Acute toxicity:</b>	Not classified based on available information.
<b>Skin corrosion/irritation:</b>	Not classified based on available information.
<b>Serious eye damage/eye irritation:</b>	Not classified based on available information.
<b>Respiratory or skin sensitisation:</b>	
Skin sensitisation:	Not classified based on available information.
Respiratory sensitisation:	Not classified based on available information.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
Reproductive toxicity:	Not classified based on available information.
STOT - single exposure:	Not classified based on available information.
STOT - repeated exposure:	Not classified based on available information.
Aspiration toxicity:	Not classified based on available information.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>12.1 Toxicity:</b>	No data available
<b>12.2 Persistence and degradability:</b>	No data available
<b>12.3 Bioaccumulative potential:</b>	No data available
<b>12.4 Mobility in soil:</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	
<b>Product:</b>	
Assessment:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>12.6 Endocrine disrupting properties:</b>	No data available
<b>12.7 Other adverse effects</b>	
<b>Product:</b>	
Additional ecological information	There is no data available for this product.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product:	<p>The generation of waste should be avoided or minimized wherever possible.</p> <p>Empty containers or liners may retain some product residues.</p> <p>This material and its container must be disposed of in a safe way.</p> <p>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.</p> <p>Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</p>
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**SECTION 14: TRANSPORT INFORMATION****Transport of dangerous goods by land:**

With regard to ADR 2021 and RID 2021:

<b>14.1 UN number:</b>	
ADR:	Not regulated as a dangerous good
IMDG:	Not regulated as a dangerous good
IATA:	Not regulated as a dangerous good
<b>14.2 UN proper shipping name:</b>	
ADR:	Not regulated as a dangerous good
IMDG:	Not regulated as a dangerous good
IATA:	Not regulated as a dangerous good
<b>14.3 Transport Hazard Class(es):</b>	
ADR:	Not regulated as a dangerous good
IMDG:	Not regulated as a dangerous good
IATA:	Not regulated as a dangerous good
<b>14.4 Packing group:</b>	
ADR:	Not regulated as a dangerous good
IMDG:	Not regulated as a dangerous good
IATA (Cargo):	Not regulated as a dangerous good
IATA (Passenger):	Not regulated as a dangerous good
<b>14.5 Environmental hazards:</b>	Not regulated as a dangerous good
<b>14.6 Special precautions for user</b>	Not applicable
<b>14.7 Maritime transport in bulk according to IMO instruments:</b>	Not applicable for product as supplied.

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

Relevant EU provisions transposed through retained EU law

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation: Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain): Not applicable

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

UK REACH List of substances subject to authorisation (Annex XIV): Not applicable

Volatile organic compounds: Law on the incentive tax for volatile organic compounds (VOCV)  
 Volatile organic compounds (VOC) content: < 0% w/w  
 no VOC duties

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: Environmental Protection Act 1990 & Subsidiary Regulations  
 Health and Safety at Work Act 1974 & Subsidiary Regulations  
 Control of Substances Hazardous to Health Regulations (COSHH)  
 May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

**15.2 Chemical safety assessment**

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

**SECTION 16: OTHER INFORMATION****Full text of other abbreviations**

GB EH40: UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA: Long-term exposure limit (8-hour TWA reference period)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service

DNEL: Derived no-effect level

EC50: Half maximal effective concentration

GHS: Globally Harmonized System

**SECTION 16: OTHER INFORMATION (continued)**

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LD50: Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

LC50: Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)

MARPOL: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978

OEL: Occupational Exposure Limit

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no effect concentration

REACH: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency

SVHC: Substances of Very High Concern

vPvB: Very persistent and very bioaccumulative

**Further information**

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.