# FIS RC II Low Speed 360 S / 410 C / 825 S

Kit Safety Information Sheet (SIS)

Issue date: 17/10/2025 Revision date: 17/10/2025 Version: 2.0

## SECTION 1: Kit identification

### 1.1 Kit identifier

Trade name : FIS RC II Low Speed 360 S / 410 C / 825 S
Article number : 00567514

### 1.2 Details of the supplier of the Kit safety information sheet

fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
72178 Waldachtal - Germany
T +49(0)7443 12-0 - F +49(0)7443 12-4222
info-sdb@fischer.de - www.fischer.de

## SECTION 2: General information

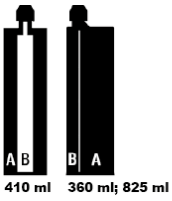
Storage : 5 - 25°C

A SDS for each of these components is included. Please do not separate any component SDS from this cover page This product is a Kit which consists of several independently packaged components

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

## SECTION 3: Kit contents

| Name | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|
| FIS RC II Low Speed 410 C / 360 S / 825 S Component A (Mortar) | Skin Irrit. 2, H315<br>Skin Sens. 1, H317 |
| FIS RC II Low Speed 410 C / 360 S / 825 S Component B (Hardener) | Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |



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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | FIS RC II Low Speed 410 C / 360 S / 825 S Component A (Mortar) |
| UFI | : | 3YX0-T0NM-Y00A-PGSV |
| Article number | : | M194 |

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

**Relevant identified uses**

Intended for general public

| | | |
|---|---|---|
| Main use category | : | Consumer use,Professional use,Industrial use |
| Use of the substance/mixture | : | composite mortar |

**Uses advised against**

| | | |
|---|---|---|
| Restrictions on use | : | Observe technical data sheet |

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

**Manufacturer**
fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
72178 Waldachtal
Germany
T +49(0)7443 12-0, F +49(0)7443 12-4222
info-sdb@fischer.de, www.fischer.de

**Distributor**
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Whitely Road
Oxon OX10 9AT Wallingford
United Kingdom of Great Britain and Northern Ireland
T +44 14 91 82 79 00, F +44 14 91 82 79 53
info@fischer.co.uk, www.fischer.co.uk

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | +49(0)6132-84463 (24h) |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Skin Irrit. 2 | H315 |
| Skin Sens. 1 | H317 |

Full text of hazard classes, H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Causes skin irritation. May cause an allergic skin reaction.

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

| | | |
|---|---|---|
| Signal word (CLP) | : | Warning |
| Contains | : | 1,4-butanediol dimethacrylate; Hydroxypropyl methacrylate; portland cement |
| Hazard statements (CLP) | : | H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction. |
| Precautionary statements (CLP) | : | P101 - If medical advice is needed, have product container or label at hand.<br>P102 - Keep out of reach of children.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| portland cement<br>substance with national workplace exposure limit(s) (GB) | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4 | ≥ 15 – < 20 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335 |
| 1,4-butanediol dimethacrylate | CAS-No.: 2082-81-7<br>EC-No.: 218-218-1<br>REACH-no: 01-2119967415-30 | ≥ 10 – < 15 | Skin Sens. 1B, H317 |
| Hydroxypropyl methacrylate | CAS-No.: 27813-02-1<br>EC-No.: 248-666-3<br>REACH-no: 01-2119490226-37 | ≥ 5 – < 10 | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : Do not allow water used to extinguish fire to enter drains, ground or waterways. Avoid direct discharge into drains.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

**For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use. In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**National occupational exposure and biological limit values**

| portland cement (65997-15-1) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Portland cement |
| WEL TWA (OEL TWA) | 10 mg/m³ inhalable dust<br>4 mg/m³ respirable dust |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

### 8.2. Exposure controls

**Appropriate engineering controls**

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

### Personal protection equipment

**Personal protective equipment symbol(s):**



### Eye and face protection

**Eye protection:**
Safety glasses

### Skin protection

**Skin and body protection:**
Wear suitable protective clothing

**Hand protection:**
Protective gloves. Breakthrough time : refer to the recommendations of the supplier. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber | 2 (> 30 minutes) | | | |

### Respiratory protection

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Solid |
| Colour | : | light brown. |
| Appearance | : | Paste. |
| Odour | : | slight. |
| Odour threshold | : | Not available |
| Melting point | : | Not applicable |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | Not applicable |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |
| Flash point | : | > 100 °C |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | Not available |
| pH | : | Not applicable - Practically insoluble in : Water |
| pH solution | : | Nicht anwendbar - Praktisch unlöslich in: Wasser |
| Viscosity, kinematic | : | 55555.556 – 100000 mm²/s |
| Viscosity, dynamic | : | 100000 – 170000 mPa·s at 20 °C |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C | : | Not available |
| Density | : | 1.7 – 1.8 g/ml at 20 °C |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | Not applicable |
| Particle size | : | Not available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| LD50 oral rat | 10066 mg/kg bodyweight (OECD 401 method) |
| LD50 dermal rabbit | > 3000 mg/kg bodyweight |

| Hydroxypropyl methacrylate (27813-02-1) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg bodyweight (OECD-Methode 401) |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight |

| portland cement (65997-15-1) | |
|---|---|
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Neither mortality nor clinical signs of toxicity were observed with the given dose |
| LC50 Inhalation - Rat | > 5 g/m³ Neither mortality nor clinical signs of toxicity were observed with the given dose |

Skin corrosion/irritation : Causes skin irritation.
pH: Not applicable - Practically insoluble in : Water

| portland cement (65997-15-1) | |
|---|---|
| pH | 12 |

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met).
pH: Not applicable - Practically insoluble in : Water
Additional information : (OECD 492 method)

| portland cement (65997-15-1) | |
|---|---|
| pH | 12 |

Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

| portland cement (65997-15-1) | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure : | Not classified |

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| LOAEC (inhalation, rat, gas, 90 days) | 350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
| NOAEL (oral, rat, 90 days) | 300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

| Hydroxypropyl methacrylate (27813-02-1) | |
|---|---|
| LOAEC (inhalation, rat, gas, 90 days) | 300 ppm rat (OECD 413 method) 90 d |
| NOAEL (oral, rat, 90 days) | 300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEC (inhalation, rat, gas, 90 days) | 100 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Remarks on results: other: |

Aspiration hazard : Not classified

| FIS RC II Low Speed 410 C / 360 S / 825 S Component A (Mortar) | |
|---|---|
| Viscosity, kinematic | 55555.556 – 100000 mm²/s |

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| Viscosity, kinematic | 5.29 mm²/s 20°C |

| Hydroxypropyl methacrylate (27813-02-1) | |
|---|---|
| Viscosity, kinematic | 8.88 mm²/s (20°C) (DIN 51562) |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| EC50 - Crustacea [1] | 28.4 mg/l Daphnia magna (Water flea) |
| EC50 72h - Algae [1] | 9.79 mg/l Desmodesmus subspicatus |
| LOEC (chronic) | 13.5 mg/l Daphnia magna (Water flea) 21 d |
| NOEC chronic crustacea | 5.09 mg/l Daphnia magna (Water flea) |
| NOEC chronic algae | 4.97 mg/l Desmodesmus subspicatus |

| Hydroxypropyl methacrylate (27813-02-1) | |
|---|---|
| LC50 - Fish [1] | 493 mg/l Leuciscus idus (golden orfe) 48 h |
| EC50 - Crustacea [1] | > 143 mg/l Daphnia magna (Water flea), (OECD 202 method) |
| EC50 72h - Algae [1] | > 97.2 mg/l Pseudokirchneriella subcapitata (OECD 201 method) |
| NOEC chronic crustacea | 45.2 mg/l Daphnia magna (Water flea) (OECD 201 method) 21 d |
| NOEC chronic algae | 97.2 mg/l Pseudokirchneriella subcapitata (OECD-Methode 201) 72 h |

### 12.2. Persistence and degradability

| FIS RC II Low Speed 410 C / 360 S / 825 S Component A (Mortar) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| Persistence and degradability | Rapidly degradable |
| **Hydroxypropyl methacrylate (27813-02-1)** | |
| Persistence and degradability | Rapidly degradable |
| **portland cement (65997-15-1)** | |
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| 1,4-butanediol dimethacrylate (2082-81-7) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 3.1 20°C |
| **Hydroxypropyl methacrylate (27813-02-1)** | |
| Partition coefficient n-octanol/water (Log Pow) | 0.97 literature |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Only pass on empty containers/packaging for recycling.
Additional information : Not classified as hazardous waste when part A and part B are mixed and are fully cured.
European List of Waste (LoW, EC 2000/532) : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances
20 01 27* - paint, inks, adhesives and resins containing dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR | IMDG | IATA |
|---|---|---|
| **14.1. UN number or ID number** | | |
| Not regulated for transport | | |
| **14.2. UN proper shipping name** | | |
| Not regulated | Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | | |
| Not regulated | Not regulated | Not regulated |
| **14.4. Packing group** | | |
| Not regulated | Not regulated | Not regulated |
| **14.5. Environmental hazards** | | |
| Not regulated | Not regulated | Not regulated |

No supplementary information available

### 14.6. Special precautions for user

**Overland transport**
Not regulated

**Transport by sea**
Not regulated

**Air transport**
Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

**EU-Regulations**

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |

| Abbreviations and acronyms: | |
|---|---|
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstracts Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disruptor |

| Full text of H- and EUH-statements: | |
|---|---|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|---|---|
| Skin Irrit. 2 | H315 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

# FIS RC II Low Speed 410 C / 360 S / 825 S Component B (Hardener)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 17/10/2025 Version: 1.0

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | FIS RC II Low Speed 410 C / 360 S / 825 S Component B (Hardener) |
| UFI | : | WAY0-U0E7-6009-AV44 |
| Article number | : | M195 |

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

**Relevant identified uses**

Intended for general public

| | | |
|---|---|---|
| Main use category | : | Industrial use,Professional use,Consumer use |
| Use of the substance/mixture | : | composite mortar |

**Uses advised against**

| | | |
|---|---|---|
| Restrictions on use | : | Observe technical data sheet |

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

No additional information available

### 1.4. Emergency telephone number

No additional information available

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Eye Irrit. 2 | H319 |
| Skin Sens. 1 | H317 |
| Aquatic Acute 1 | H400 |
| Aquatic Chronic 1 | H410 |

Full text of hazard classes, H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07 GHS09

| | | |
|---|---|---|
| Signal word (CLP) | : | Warning |
| Contains | : | 2-methylisothiazol-3(2H)-one; dibenzoyl peroxide |
| Hazard statements (CLP) | : | H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H410 - Very toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : | P101 - If medical advice is needed, have product container or label at hand.<br>P102 - Keep out of reach of children.<br>P273 - Avoid release to the environment.<br>P280 - Wear eye protection, protective gloves.<br>P391 - Collect spillage.<br>P501 - Dispose of contents/container to a hazardous or special waste collection point. |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| dibenzoyl peroxide<br>substance with national workplace exposure limit(s) (GB) | CAS-No.: 94-36-0<br>EC-No.: 202-327-6<br>EC Index-No.: 617-008-00-0<br>REACH-no: 01-2119511472-50 | ≥ 10 – < 15 | Org. Perox. B, H241<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) |
| 2-methylisothiazol-3(2H)-one | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9<br>REACH-no: 01-2120764690-50 | ≥ 0.0015 – < 0.01 | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Acute Tox. 2 (Inhalation), H330 (ATE=0.384 mg/l/4h)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=1)<br>EUH071 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits (%)** |
| 2-methylisothiazol-3(2H)-one | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9<br>REACH-no: 01-2120764690-50 | (0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Unsuitable extinguishing media : Strong water jet.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : Do not allow water used to extinguish fire to enter drains, ground or waterways. Avoid direct discharge into drains.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

**For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use. In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing vapours.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**National occupational exposure and biological limit values**

| dibenzoyl peroxide (94-36-0) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Dibenzoyl peroxide |
| WEL TWA (OEL TWA) | 5 mg/m³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

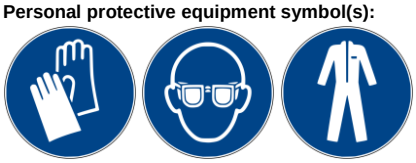
## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

### Personal protection equipment

**Personal protective equipment symbol(s):**



### Eye and face protection

**Eye protection:**
Safety glasses

### Skin protection

**Skin and body protection:**
Wear suitable protective clothing

**Hand protection:**
Protective gloves. Breakthrough time : refer to the recommendations of the supplier. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber | 2 (> 30 minutes) | | | |

### Respiratory protection

**Respiratory protection:**
In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Solid |
| Colour | : | Black. |
| Appearance | : | Paste. |
| Odour | : | slight. |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | Not available |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |
| Flash point | : | > 100 °C |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | Not available |
| pH | : | Not available |
| pH solution | : | Not available |
| Viscosity, kinematic | : | Not applicable |
| Viscosity, dynamic | : | > 80000 mPa·s |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C | : | Not available |

| | | |
|---|---|---|
| Density | : | 1.5 – 1.7 g/cm³ |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | Not applicable |
| Particle size | : | Not available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |

| **2-methylisothiazol-3(2H)-one (2682-20-4)** | |
|---|---|
| LC50 Inhalation - Rat | 0.384 mg/l (OECD 403 method) |

| **dibenzoyl peroxide (94-36-0)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (OECD 401 method) |
| LC50 Inhalation - Rat | > 24.3 mg/l (OECD 403 method) |

Skin corrosion/irritation : Not classified

| **2-methylisothiazol-3(2H)-one (2682-20-4)** | |
|---|---|
| pH | 2.58 Temp.: 25 °C Concentration: 50 g/L |

Serious eye damage/irritation : Causes serious eye irritation.

| **2-methylisothiazol-3(2H)-one (2682-20-4)** | |
|---|---|
| pH | 2.58 Temp.: 25 °C Concentration: 50 g/L |

| | | |
|---|---|---|
| Respiratory or skin sensitisation | : | May cause an allergic skin reaction. |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |
| Reproductive toxicity | : | Not classified |
| STOT-single exposure | : | Not classified |
| STOT-repeated exposure | : | Not classified |
| Aspiration hazard | : | Not classified |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long–term (chronic) : Very toxic to aquatic life with long lasting effects.

| 2-methylisothiazol-3(2H)-one (2682-20-4) | |
|---|---|
| LC50 - Fish [1] | 4.77 mg/l (OECD 203 method) |
| EC50 - Crustacea [1] | 0.934 mg/l (OECD 202 method) |
| EC50 72h - Algae [1] | 0.103 mg/l (OECD 201 method) |
| NOEC chronic fish | 4.93 mg/l (OECD 210 method) |
| NOEC chronic crustacea | 0.044 mg/l (OECD 211 method) |
| NOEC chronic algae | 0.05 mg/l (OECD 201 method) |

| dibenzoyl peroxide (94-36-0) | |
|---|---|
| LC50 - Fish [1] | 0.0602 mg/l Oncorhynchus mykiss (Rainbow trout) |
| EC50 - Crustacea [1] | 0.11 mg/l Daphnia magna (Water flea) |
| EC50 72h - Algae [1] | 0.06 mg/l |

### 12.2. Persistence and degradability

| FIS RC II Low Speed 410 C / 360 S / 825 S Component B (Hardener) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| 2-methylisothiazol-3(2H)-one (2682-20-4) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| dibenzoyl peroxide (94-36-0) | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

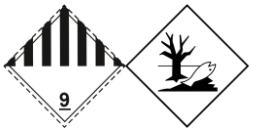
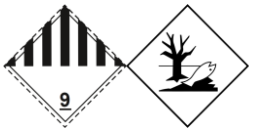
## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Only pass on empty containers/packaging for recycling.
Additional information : Not classified as hazardous waste when part A and part B are mixed and are fully cured.
European List of Waste (LoW, EC 2000/532) : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances
20 01 27* - paint, inks, adhesives and resins containing dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR | IMDG | IATA |
|---|---|---|
| Special provision(s) applied : 375 | Special provision(s) applied : 969 | Special provision(s) applied : A197 |
| These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of the transport regulations provided the packagings meet the general provisions. | | |
| **14.1. UN number or ID number** | | |
| UN 3077 | UN 3077 | UN 3077 |
| **14.2. UN proper shipping name** | | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide) | Environmentally hazardous substance, solid, n.o.s. (dibenzoyl peroxide) |
| **Transport document description** | | |
| UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide), 9, III, (-) | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dibenzoyl peroxide), 9, III, MARINE POLLUTANT | UN 3077 Environmentally hazardous substance, solid, n.o.s. (dibenzoyl peroxide), 9, III |
| **14.3. Transport hazard class(es)** | | |
| 9  | 9  | 9  |
| **14.4. Packing group** | | |
| III | III | III |
| **14.5. Environmental hazards** | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-F | Dangerous for the environment: Yes |
| No supplementary information available | | |

## 14.6. Special precautions for user

**Overland transport**

| | | |
|---|---|---|
| Classification code (ADR) | : | M7 |
| Special provisions (ADR) | : | 274, 335, 375, 601 |
| Limited quantities (ADR) | : | 5kg |
| Excepted quantities (ADR) | : | E1 |
| Packing instructions (ADR) | : | P002, IBC08, LP02, R001 |
| Special packing provisions (ADR) | : | PP12, B3 |
| Mixed packing provisions (ADR) | : | MP10 |
| Transport category (ADR) | : | 3 |
| Special provisions for carriage - Packages (ADR) | : | V13 |
| Orange plates | : | 90<br>3077 |
| Tunnel restriction code (ADR) | : | - |
| EAC code | : | 2Z |

**Transport by sea**

| | | |
|---|---|---|
| Special provisions (IMDG) | : | 274, 335, 966, 967, 969 |
| Limited quantities (IMDG) | : | 5 kg |
| Packing instructions (IMDG) | : | LP02, P002 |
| Special packing provisions (IMDG) | : | PP12 |

**Air transport**

| | | |
|---|---|---|
| PCA packing instructions (IATA) | : | 956 |
| PCA max net quantity (IATA) | : | 400kg |
| CAO packing instructions (IATA) | : | 956 |
| CAO max net quantity (IATA) | : | 400kg |

Special provisions (IATA) : A97, A158, A179, A197, A215
ERG code (IATA) : 9L

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

**EU-Regulations**

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

| Indication of changes | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| 2.2 | Precautionary statements (CLP) | **Modified** |
| 3 | Composition/information on ingredients | **Modified** |

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |

| Abbreviations and acronyms: | |
|---|---|
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstracts Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disruptor |

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2 |
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Org. Perox. B | Organic Peroxides, Type B |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| H241 | Heating may cause a fire or explosion. |
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |

| Full text of H- and EUH-statements: | |
|---|---|
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|---|---|
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 1 | H410 | Calculation method |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.