

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

- **1.1 Product identifier**
- Trade name: **Polimar FCS Levelling Mortar Aggregate**
- Article number: MW75007B
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** See Section 16
- Application of the substance / the mixture Filling mortar
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 IKO Group PLC  
 Apply Lane North  
 Appley Bridge  
 Wigan  
 Lancashire  
 WN6 9AB  
 Tel: +44 844 412 7225  
 Fax: +44 844 412 7205
- **Further information obtainable from:**  
 Divison product safety  
 Tel.: +44 7860 242152
- **Emergency telephone number:**  
 Tel: +44 (0)1257 256864  
 Opening Times: 0900 - 1700 Monday to Friday

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
 The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008, 453/2010** - Not Applicable
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
 EUH208 Contains dibenzoyl peroxide, dicyclohexyl phthalate. May produce an allergic reaction.  
 EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).
- **vPvB:** Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).

## SECTION 3: Composition/information on ingredients

- **Description:** Mixture: consisting of the following components.
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
If symptoms persist consult doctor.  
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**



Keep away from ignition sources.

- Avoid formation of dust.
- Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **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**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.  
at least 7 air changes
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.  
Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.

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- Store in dry conditions.  
 max. Storage temperature 30 °C  
 keine Lagerung im Fahrzeug - nur Transport  
 · **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

**94-36-0 dibenzoyl peroxide**

Oral	DNEL (population)	1.65 mg/kg bw/day (population)
Dermal	DNEL	11.75 mg/m <sup>3</sup> (Employee / Industrial / Commercial) 6.6 mg/kg bw/day (Employee / Industrial / Commercial) 2.9 mg/m <sup>3</sup> (population) 3.3 mg/kg bw/day (population)

**84-61-7 dicyclohexyl phthalate**

Oral	DNEL (population)	0.25 mg/kg bw/day (population) Long-term oral systemic
Dermal	DNEL	0.25 mg/kg bw/Tag (population) Long-term systemic skin
	DNEL (worker)	0.5 mg/kg bw/day (Employee / Industrial / Commercial) acute systemic
Inhalative	DNEL (population)	0.87 mg/m <sup>3</sup> (population) Long-term inhalation systemic
	DNEL (worker)	35.2 mg/m <sup>3</sup> (Employee / Industrial / Commercial) acute systemic

· **PNECs**

**94-36-0 dibenzoyl peroxide**

Oral	PNEC oral	6.67 mg/kg (Nahrungsmittel)
	PNEC	0.0758 mg/kg (ground) 0.35 mg/l (sewage plant) 0.338 mg/kg (sediment) (Süßwasser) 0.0000602 mg/l (seawater) 0.000602 mg/l (freshwater)

**84-61-7 dicyclohexyl phthalate**

Oral	PNEC oral	133 mg/kg (Nahrungsmittel)
	PNEC	0.21 mg/kg (ground) 10 mg/l (sewage plant) 1.06 mg/kg (sediment) (Süßwasser) 0.000362 mg/l (seawater) 0.00362 mg/l (freshwater)

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 The usual precautionary measures are to be adhered to when handling chemicals.

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- **Respiratory protection:**  
Not required.  
The use of respiratory protective hood is recommended because not wearing time limitations apply.
- **Protection of hands:**  
Check protective gloves prior to each use for their proper condition.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Check the permeability prior to each renewed use of the glove.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
Protective gloves according EN 374.  
Suitable material: nitrile.
- **Penetration time of glove material**  
Our Recommendation is mainly on a one-time use as a short-term protection Liquid splashes. For other applications, you should contact a glove manufacturer.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**  
Butyl rubber, BR
- **For the permanent contact gloves made of the following materials are suitable:** Butyl rubber, BR
- **Not suitable are gloves made of the following materials:** Leather gloves
- **Eye protection:**



Tightly sealed goggles

EN-Standard: EN 166

- **Body protection:**



Protective work clothing

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Solid

**Colour:** Black

- **Odour:** Undistinguishable.

- **Odour threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

**Melting point/Melting range:** 1713 °C

**Boiling point/Boiling range:** > 999 °C

- **Flash point:** Not applicable.

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· <b>Flammability (solid, gaseous):</b>	Not determined.
· <b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined.
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapour pressure:</b>	Not applicable.
· <b>Density at 20 °C:</b>	2.61 g/cm <sup>3</sup> (EN ISO 2811-1)
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>VOC (EC)</b>	0.00 %
<b>Solids content:</b>	100.0 %
· <b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** see Section 10.2
- **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.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No dangerous decomposition products used according to specifications.
- **Additional information:**  
Emergency procedures will vary depending on individual circumstances. The customer should have a contingency plan to the workplace may be present.

## \* SECTION 11: Toxicological information

- **11.1 Information on toxicological effects** There were no toxicological findings to the mixture.
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

### ATE (Acute Toxicity Estimates)

Inhalative	LC50/4h	4562 mg/l
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<b>94-36-0 dibenzoyl peroxide</b>		
Oral	LD50	> 5000 mg/kg (rat)
Inhalative	LC50	> 24300 mg/l (rat) (Staub)
	LC50/4h	> 24300 mg/l (rat) (Staub)
<b>84-61-7 dicyclohexyl phthalate</b>		
Oral	LD50	>5000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effects known.
- **Subacute to chronic toxicity:**  
not tested

<b>94-36-0 dibenzoyl peroxide</b>		
Oral	NOAEL	500 mg/kg/d (unknown) Concentration at which no adverse effect was observed.
	NOAEL/29d	1000 mg/kg/d (unknown) Concentration at which no adverse effect was observed.
<b>84-61-7 dicyclohexyl phthalate</b>		
Oral	NOAEL	50 mg/kg/d (rat) (subchronische orale Toxizität (90d)) Concentration at which no adverse effect was observed.
		Developmental Toxicity: concentration at which no adverse effect was observed, 250 mg / kg / day (oral) (rat)
		Fertility: concentration at which no adverse effect was observed, 16-21 mg / kg / day (oral) (rat)

- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** not tested

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

<b>94-36-0 dibenzoyl peroxide</b>	
EC50	35 mg/l (bacteria) (Atmungsinhibierungstest für Belebtschlamm)
EC50/48h	0.11 mg/l (daphnia magna)
EC50/72h	0.06 mg/l (alga)
LC50/96h	0.06 mg/l (fish)
<b>84-61-7 dicyclohexyl phthalate</b>	
EC50/48h	> 2 mg/l (daphnia magna) max. attainable concentration
LC50/96h	> 2 mg/l (Oryzias latipes) max. attainable concentration
NOEL	> 100 mg/l (bacteria) Activated sludge; 3h-Untere Wirkungsschwelle

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

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- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Does not meet the PBT-criteria of Annex XIII of REACH (self assessment).
- **vPvB:** Does not meet the vPvB-criteria of Annex XIII of REACH (self assessment).
- **12.6 Other adverse effects** No further relevant information available.

### \* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**  
Hazardous waste according to Waste Catalogue (EWC). If recycling is not possible, waste must be in compliance with local regulations to be removed.
- **Recommendation**  
Uncured product residues are special waste.  
Cured product residues are not hazardous waste.  
Empty containers to an approved waste handling site for recycling or disposal.
- **Waste disposal key:**  
The following Waste Codes of the European Waste Catalogue (EWC), are considered a recommendation.  
The disposal must be coordinated with the local waste disposal company.  
Liquid product:  
080111 \* paint and varnish containing organic solvents or other dangerous substances  
080199 waste nec  
Cured product residues:  
080112 paint and varnish wastes other than those mentioned in 080111  
080410 adhesive waste adhesives and sealants other than those mentioned in 080409
- **European waste catalogue** 080111 \* (recommended)
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

· <b>14.1 UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	-

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## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Information about limitation of use:**  
 Employment restrictions under the Maternity Protection Directive (94/33/EC).  
 Employment restrictions for maternity Directive (92/85/EEC) for expectant and nursing mothers.
- **Other regulations, limitations and prohibitive regulations** Es gelten die jeweiligen Landesvorschriften.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## \* SECTION 16: Other information

These figures relate to the product as delivered.

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.

### Sector of Use

Relevant identified uses of the mixture

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

### Uses advised against

SU21 Consumer uses: Private households / general public / consumers

### · Training hints

Teaching about hazards and precautions to hand the operating instructions (Technical Rule 555).  
 Instruction must take place before the start of employment and at least annually thereafter.

### · Department issuing MSDS: Division product safety

### · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

### · Sources

[www.gestis.de](http://www.gestis.de)

[www.echa.eu](http://www.echa.eu)

[logkow.cisti.nrc.ca](http://logkow.cisti.nrc.ca)

### · \* Data compared to the previous version altered.

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## Version History.

Version 1.0 June 1st 2015 New release for Classification, Labelling Packaging Regulations