

# COO-VAR®

Paints, Primers and Specialist Coatings

## SAFETY DATA SHEET

### 130/M200&P105 - C.S.P. MORTAR/PRIMER - HARDENER

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

##### 1.1. Product identifier

**Product name** 130/M200&P105 - C.S.P. MORTAR/PRIMER - HARDENER

**Product number** 130/M200 AND P105/ - HARDENER

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

**Identified uses** HARDENER FOR TWO COMPONENT Primer. and Crack and hole filler

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

###### Supplier

COO-VAR  
Lockwood Street  
Hull  
HU2 0HN  
+44 (0) 1482 328053(T)  
+44 (0) 1482 219266(F)  
info@coo-var.co.uk

**Contact person** Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1482 328053 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Org. Perox. C - H242

**Health hazards** Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R36. R43. O;R7.

##### 2.2. Label elements

###### Pictogram



###### Signal word

Danger

###### Hazard statements

H242 Heating may cause a fire.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P501A Dispose of contents/container to special waste collection point</p> <p>P411A +235 Store at temperatures not exceeding 50 °C/122 °F. Keep cool.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/ attention.</p>
<b>Contains</b>	BENZOYL PEROXIDE
<b>Supplementary precautionary statements</b>	<p>P220 Keep/ Store away from clothing/ combustible materials.</p> <p>P234 Keep only in original container.</p> <p>P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P264 Wash ... thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P321 Specific treatment (see ... on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P337 If eye irritation persists:</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P410 Protect from sunlight.</p> <p>P420 Store away from other materials.</p>

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>BENZOYL PEROXIDE</b>	<b>30-60%</b>
CAS number: 94-36-0	EC number: 202-327-6
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Org. Perox. B - H241	E;R3 O;R7 Xi;R36 R43
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
<b>Dicyclohexyl phthalate</b>	<b>30-60%</b>
CAS number: 84-61-7	EC number: 201-545-9
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Not Classified	-
<b>Silicon dioxide</b>	<b>1-5%</b>
CAS number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Not Classified	-

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**General information** Consult a physician for specific advice.

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<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Consult a physician for specific advice.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**General information** Get medical attention promptly if symptoms occur after washing.

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

**Notes for the doctor** Symptomatic treatment is advised

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water, if avoidable. DO NOT USE: Halon. Small fires: Extinguish with the following media: Carbon dioxide or dry powder.

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

**Specific hazards** Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Benzoic acid. Benzene, Diphenyl 2-ethylhexyl phosphate, Phenyl benzoate, OXIDISING! May explode when heated or when exposed to flames or sparks.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Risk of re-ignition after fire has been extinguished. Risk of explosion. Decomposition under effect of heating. If involved in fire will support combustion. Avoid breathing fire gases or vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Avoid inhalation of dust. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Dampen spillage with water. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Avoid generation and spreading of dust. Do not close container tightly. Risk of excess pressure build-up.

### 6.4. Reference to other sections

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**Reference to other sections** For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Mechanical ventilation or local exhaust ventilation may be required. Do not eat, drink or smoke when using the product. Avoid inhalation of dust. Use explosion proof electric equipment. Eliminate all sources of ignition.

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

**Storage precautions** Keep container tightly closed. Store in closed original container at temperatures between 5°C and 25°C. Do not store near heat sources or expose to high temperatures. Reducing agents. Store away from the following materials: Store away from the following materials: Acids. Alkalis. heavy metal compounds(e.g. accelerators, driers, metal soaps.) Do not allow to dry out. Confinement must be avoided.

**Storage class** Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR. Up to 50 litres of liquids with a flashpoint below 32C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### BENZOYL PEROXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

##### Dicyclohexyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 mg/m<sup>3</sup>

##### Silicon dioxide

Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> resp.dust

Short-term exposure limit (15-minute): WEL 6 mg/m<sup>3</sup> total dust

WEL = Workplace Exposure Limit

#### Dicyclohexyl phthalate (CAS: 84-61-7)

##### DNEL

Professional - Inhalation; Long term systemic effects: 11.75 mg/m<sup>3</sup>

Professional - Dermal; Long term systemic effects: 6.6 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 2.9 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 3.3 mg/kg/day

Consumer - Oral; Long term systemic effects: 1.65 mg/kg/day

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### PNEC

- Fresh water; 0.000602 mg/l
- Marine water; 0.000602 mg/l
- Intermittent release; 0.000602 mg/l
- STP; 0.35 mg/l
- Sediment (Freshwater); 0.338 mg/kg
- Soil; 0.0758 mg/kg

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients. Use explosion-proof general and local exhaust ventilation.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Neoprene.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Launder clothes before reuse.

#### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

#### Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Particulate filter, type P1.

### SECTION 9: Physical and Chemical Properties

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

Appearance	Dusty powder.
Colour	White / off-white.
Odour	Slight.
Initial boiling point and range	Do not heat°C @
Flash point	above the SADT value°C
Relative density	1.23 @ @ 20 C°C
Solubility(ies)	Insoluble in water
Auto-ignition temperature	SADT 55 C see section 10.°C

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

##### Reactivity

The following materials may react strongly with the product: Strong acids. Strong alkalis. Organic compounds. Some metals.

#### 10.2. Chemical stability

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**Stability** SADT- (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging used for transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the following temperature: 55C. Contact with incompatible substances can cause decomposition at or below the SADT.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will not occur

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid temperatures above 25 C. Confinement must be avoided. DO NOT ALLOW TO DRY OUT. Explosive when dry.

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with rust, iron copper. Contact with incompatible materials such as acids, alkalis, heavy metals and reducing agents will result in hazardous decomposition.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Benzoic acid. Benzene.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Ames test: Not mutagenic.

**Skin contact** Skin irritation should not occur when used as recommended. May cause sensitisation by skin contact.

**Eye contact** Irritating to eyes.

**Route of entry** Inhalation Skin absorption. Skin and/or eye contact.

**Toxicological information**

## SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2.0 (poecilla reticulata.) - Dibenzoyl peroxide mg/l, Algae

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 2.91 mg/l, Daphnia magna

**Acute toxicity - microorganisms** EC<sub>50</sub>, ~: 35 mg/l, Activated sludge

### 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

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**Mobility** Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered. Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste material and any included combustible absorbent and containers should be suitable for incineration at an approved facility.

**Waste class** Ideally this component should be mixed with the appropriate resin base and allowed to react fully producing a solid non hazardous waste.

## SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

### 14.1. UN number

**UN No. (ADR/RID)** 3106

**UN No. (IMDG)** 3106

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** Organic peroxide type d, solid; (Dibenzoyl peroxide)

**Proper shipping name (IMDG)** Organic peroxide type d, solid; (Dibenzoyl peroxide)

**Proper shipping name (ICAO)** Organic peroxide type d, solid; (Dibenzoyl peroxide)

**Proper shipping name (ADN)** Organic peroxide type d, solid; (Dibenzoyl peroxide)

### 14.3. Transport hazard class(es)

**ADR/RID class** 5.2

**ADR/RID label** P1

**IMDG class** 5.2

### Transport labels



### 14.4. Packing group

**ADR/RID packing group** II

**IMDG packing group** II

### 14.5. Environmental hazards

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### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS 5.2-0.1

Tunnel restriction code (D)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 Not applicable.

and the IBC Code

### SECTION 15: Regulatory information

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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** 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) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.  
Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**General information** Only trained personnel should use this material.

**Revision comments** Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Correction to classification

**Issued by** Technical Dept. (P.E.)

**Revision date** 28/11/2016

**Revision** 7

**Supersedes date** 20/05/2015

**SDS number** 10796

**SDS status** Approved.

**Signature** Initials \_\_\_\_\_

**Risk phrases in full** Not classified.  
R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
R36 Irritating to eyes.  
R43 May cause sensitisation by skin contact.  
R7 May cause fire.



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<b>Hazard statements in full</b>	H241 Heating may cause a fire or explosion. H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.