

# COO-VAR®

## PAINTS, PRIMERS AND SPECIALISED COATINGS

### SAFETY DATA SHEET

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

According to Regulation (EC) No 1907/2006, Annex II Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### 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  
**UFI** UFI: D7CP-K2E6-300F-6NEY

##### 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

|                       |  |  |
|-----------------------|--|--|
| <b>Supplier</b>       | COO-VAR<br>Lockwood Street<br>HULL UK<br>HU2 0HN<br>+441482328053 (T)<br>+441482219266 (F)<br>info@coo-var.co.uk                   | TEAL & MACKRILL EU B.V.<br>Zandvoortstraat 69<br>1976 BN IJMUIDEN<br>THE NETHERLANDS<br>+441482328053 (T)<br>+441482219266 (F)<br>info@coo-var.co.uk |
| <b>Contact person</b> | Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above   |  |
| <b>Manufacturer</b>   | TEAL & MACKRILL LIMITED<br>LOCKWOOD STREET<br>HULL<br>HU2 0HN<br>+44(0)1482 320194(T)<br>+44(0)1482 219266(F)<br>info@teamac.co.uk |  |

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1482 328053 Coo-Var (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)  
**SDS No.** 10796

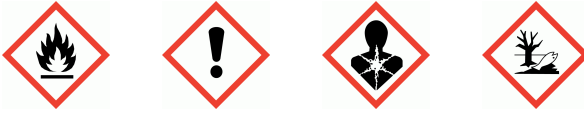
#### SECTION 2: Hazards identification

##### 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 Repr. 1B - H360  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

##### 2.2. Label elements

**130/M200&P105 - C.S.P. MORTAR/PRIMER - HARDENER****Hazard pictograms****Signal word**

Danger

**Hazard statements**

H242 Heating may cause a fire.  
 H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H360 May damage fertility or the unborn child.  
 H400 Very toxic to aquatic life.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing dust.  
 P264 Wash contaminated skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains**

BENZOYL PEROXIDE, Dicyclohexyl phthalate

**Supplementary precautionary statements**

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P405 Store locked up.  
 P420 Store separately.

**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                             |
| M factor (Acute) = 10         |  |
| <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           |  |
| Aquatic Acute 1 - H400        |  |
| <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> |
| Skin Sens. 1 - H317           | -  |
| Repr. 1B - H360               |  |
| Aquatic Chronic 3 - H412      |  |

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

|                        |  |
|------------------------|--|
| <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

|                                   |  |
|-----------------------------------|--|
| <b>General information</b>        | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. NOTE! Effects may be delayed. Keep affected person under observation. If medical advice is needed, have product container or label at hand. Get medical attention immediately.                      |
| <b>Inhalation</b>                 | Move affected person to fresh air at once. Consult a physician for specific advice. Get medical attention if symptoms are severe or persist.   |
| <b>Ingestion</b>                  | Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.  |
| <b>Skin contact</b>               | In case of skin contact wash off with plenty of water (do not allow to dry). Continue to rinse for at least 15 minutes. Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing. |
| <b>Eye contact</b>                | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions. Get medical attention if irritation persists after washing.   |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.  |

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

|                            |  |
|----------------------------|--|
| <b>General information</b> | May cause an allergic skin reaction. May cause severe eye irritation. May damage the unborn child. |
|----------------------------|--|

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

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Notes for the doctor</b> | Symptomatic treatment is advised |
|-----------------------------|----------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | Water spray, foam, dry powder or carbon dioxide. Alcohol-resistant foam. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.   |

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

|                         |  |
|-------------------------|--|
| <b>Specific hazards</b> | Contact with incompatible materials or exposure to temperatures exceeding SADT may result in a self-accelerating decomposition reaction with release of flammable vapours which may auto ignite. Burns violently. Flash back possible over considerable distance. Vapours may form explosive mixtures with air. The product will float on water and can be reignited on surface water. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. |
|-------------------------|--|

#### 5.3. Advice for firefighters

|   |  |
|---|--|
| <b>Protective actions during firefighting</b> | Contain and collect extinguishing water. Do not discharge into drains or watercourses or onto the ground. Dispose of waste and residues in accordance with local authority requirements. |
|---|--|

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

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Do not use water jet as an extinguisher, as this will spread the fire. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

### SECTION 6: Accidental release measures

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

**Personal precautions** Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Avoid breathing dust. Avoid generation and spreading of dust. Remove sources of ignition. Follow precautions for safe handling described in this safety data sheet. Never return spills to original container for re-use. Collect and dispose of spillage as indicated in Section 13.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Contact with incompatible materials or exposure to temperatures exceeding SADT may result in a self-accelerating decomposition reaction with release of flammable vapours which may auto ignite. Clear spills immediately. To clean the floor and all objects contaminated with this material, use plenty of water. Absorb spillage with sand or other inert absorbent. Isolate waste and do not re-use. Use only non-sparking tools. Refer to local regulations for information on disposal/ recovery/ recycling.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Use engineering controls to reduce air contamination to permissible exposure level. Do not breathe dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Take precautionary measures against static discharge. Never return spills to original container for re-use. Provide adequate general and local exhaust ventilation. Confinement must be avoided. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Wash thoroughly after dealing with a spillage. For personal protection, see Section 8. Persons with a history of skin sensitisation problems should not be employed in a situation where skin contact with this product could occur, nor should those with asthma or similar disorders be exposed to the vapour or spray mist. Use explosion-proof electrical equipment. Keep away from combustible materials.

**Advice on general occupational hygiene** Keep away from food and drink. When using do not eat, drink or smoke. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

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

**Storage precautions** Avoid impurities (e.g. rust, dust, ash), risk of decomposition. Keep container tightly closed and at temperature not exceeding 30°C. Store away from the following materials: Acids. Alkalis. Reducing agents. heavy metal compounds(e.g. accelerators, driers, metal soaps.) Do not allow to dry out.

**Storage class** Oxidiser storage.

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

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

**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.

#### BENZOYL PEROXIDE (CAS: 94-36-0)

|             |   |
|-------------|---|
| <b>DNEL</b> | Workers - Inhalation; Long term systemic effects: 11.75 mg/m <sup>3</sup><br>Workers - Dermal; Long term systemic effects: 6.6 mg/m <sup>3</sup><br>Consumer - Inhalation; Long term systemic effects: 2.9 mg/m <sup>3</sup><br>Consumer - Dermal; Long term systemic effects: 3.3 mg/m <sup>3</sup><br>Consumer - Oral; Long term systemic effects: 1.65 mg/m <sup>3</sup> |
| <b>PNEC</b> | Fresh water; 0.000602 mg/l<br>marine water; 0.000060 mg/l<br>Intermittent release; 0.000602 mg/l<br>STP; 0.35 mg/l<br>Sediment (Freshwater); 0.338 mg/l<br>Soil; 0.0758 mg/l  |

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

|             |   |
|-------------|---|
| <b>DNEL</b> | Workers - Inhalation; Long term systemic effects: 35.2 mg/m <sup>3</sup><br>Workers - Inhalation; Short term systemic effects: 35.2 mg/m <sup>3</sup><br>Workers - Dermal; Short term systemic effects: 0.5 mg/kg<br>Workers - Dermal; Long term systemic effects: 0.5 mg/kg<br>Consumer - Inhalation; Short term systemic effects: 0.87 mg/m <sup>3</sup><br>Consumer - Inhalation; Long term systemic effects: 0.87 mg/m <sup>3</sup><br>Consumer - Dermal; Long term systemic effects: 0.25 mg/kg<br>Consumer - Oral; Long term systemic effects: 0.25 mg/kg |
| <b>PNEC</b> | Fresh water; 0.00362 mg/l<br>Intermittent release; 0.0326 mg/l<br>marine water; 0.000362 mg/l<br>Sediment (Freshwater); 1.06 mg/kg<br>Sediment (Marinewater); 0.106 mg/kg<br>STP; 10 mg/l<br>Soil; 0.21 mg/kg   |

#### 8.2. Exposure controls

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

### 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

To protect hands from chemicals, gloves should comply with European Standards EN388 and 374. As a general principle, exposure should be managed by means other than the provision of protective gloves. Manufacturers' performance data suggest that the optimum glove for use should be: Butyl rubber. Permeation breakthrough time according to EN374 - class: (1-6) e.g. minimum 480 mins. Thickness: 0.5 mm

### 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 Stable under the prescribed storage conditions.

### 10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Dust may form explosive mixture with air.

### 10.4. Conditions to avoid

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

**Conditions to avoid** Contact with incompatible substances can cause decomposition at or below the SADT. Confinement must be avoided. Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**Eye contact** Irritating to eyes.

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

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute aquatic toxicity

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

**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

**Mobility** Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 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.

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

|                         |  |
|-------------------------|--|
| <b>Disposal methods</b> | Do not discharge into drains or watercourses or onto the ground. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| <b>Waste class</b>      | 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 |
| UN No. (ICAO)    | 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)

#### 14.3. Transport hazard class(es)

|                             |   |
|-----------------------------|---|
| ADR/RID class               | 5.2                                     |
| ADR/RID classification code | P1                                      |
| ADR/RID label               | Organic Peroxides. Keep away from heat. |
| IMDG class                  | 5.2                                     |
| ICAO class/division         | 5.2                                     |

#### Transport labels



#### 14.4. Packing group

|                       |                            |
|-----------------------|----------------------------|
| ADR/RID packing group | Not assigned by regulation |
| IMDG packing group    | Not assigned by regulation |
| ICAO packing group    | Not assigned by regulation |

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

EmS F-J, S-R



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

**Hazard Identification Number** 539  
(ADR/RID)

**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 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**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. 2015/830 Correction to classification Addition of EU supplier information Unique Formula Identifier (UFI) added

**Issued by** Technical Dept. (N.O.)

**Revision date** 18/01/2021

**Revision** 8.1

**Supersedes date** 20/10/2020

**SDS number** 10796

**SDS status** Approved.

**Hazard statements in full** 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.  
H360 May damage fertility or the unborn child.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

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

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.