

# PRO-688 DECO NATURAL WAX SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR UNDERTAKING

### 1.1 Product Identifier:

PRO-688 DECO Natural Wax

Unique Formula Identifier (UFI): 6H00-X0F8-COOG-SVT1

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

Protection of interior stucco finishes

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

#### Manufacturer:

EWI Pro Insulation Systems Ltd  
Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT  
0800 133 7072  
info@ewipro.com  
technical@ewipro.com

#### Producer:

COMCAL NATURAL, SL  
Av. CAN BORDOLL, 55, Unit 2  
Industrial Estate Can Roqueta, Sabadell (Barcelona)  
+34 93 729 42 54  
comercial@com-cal.com

### 1.4 Emergency phone number:

Environment Agency Emergency Hotline: +44/(0)800 80 70 60

Emergency Services (UK): 999

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

The mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP).

### 2.2 Description of hazards:

No hazard labelling required according to CLP.

### Precautionary Statements:

P102: Keep out of reach of children.

P501: Dispose of contents/container at an appropriate waste collection point.

### 2.3 Other hazards

- This substance/mixture does not meet the PBT criteria of Annex XIII of the REACH Regulation.
- This substance/mixture does not meet the vPvB criteria of Annex XIII of the REACH Regulation.
- Does not contain PBT/vPvB substances  $\geq$  0.1% assessed according to Annex XIII of REACH.

The mixture does not contain substance(s) included in the list established under Article 59(1) due to endocrine-disrupting properties, nor has it been identified as having endocrine-disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 and Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Ingredients	CAS No.	% by weight	CLP Classification
Water	7732-18-5	75-85%	Not classified
Beeswax	8012-89-3	4-10%	Not classified
Vinyl acetate-ethylene copolymer	mixture / variable	1-5%	Not classified
Vegetable oils	8001-26-1	1-5%	Not classified
Hydrocarbons	8009-03-8	<1%	Not classified
Potassium soap	143-18-0	<1%	<b>H319: Causes serious eye irritation</b>

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

#### Inhalation:

Due to the moist nature of the product, inhalation exposure is unlikely under normal conditions of use. However, if aerosols or fine vapours are generated (e.g., by spraying), move the affected person to fresh air. Keep the person at rest in a position that facilitates breathing. If symptoms such as coughing or throat irritation appear and persist or worsen, seek medical attention.

#### Skin contact:

May cause mild irritation with prolonged contact. Remove contaminated clothing. Wash the affected area with plenty of water and mild soap. If irritation persists or lesions appear, seek medical advice.

#### Eye contact:

May cause mild to moderate irritation. Rinse immediately and thoroughly with plenty of running water for at least 15 minutes, keeping eyelids open. If irritation persists, consult an ophthalmologist as a precaution.

#### Accidental ingestion:

Do not induce vomiting. Rinse mouth with water. If the person is conscious, give water to drink. Seek immediate medical attention.

### 4.2 Main symptoms and effects, acute and delayed:

**Eye contact:** May cause mild to moderate irritation.

**Skin contact:** May cause mild skin irritation due to its slightly alkaline nature.

**Inhalation:** Not relevant except in spray form.

**Ingestion:** Accidental ingestion may cause discomfort.



#### 4.3 Indications for medical attention and special treatments to be administered immediately:

Immediate on-site care is required. In case of persistent irritation, medical evaluation is recommended.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media:

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical powder, or carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Avoid using high-pressure water jets, as they may disperse the product and spread the fire.

### 5.2 Specific hazards arising from the mixture:

The product is not flammable under normal conditions of use.

However, in case of fire, fumes and gases may be generated from the combustion of organic components, such as carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

At high temperatures, greasy and waxy components may thermally decompose.

### 5.3 Advice for firefighters:

In the event of a fire near the product:

- Use appropriate personal protective equipment, including self-contained breathing apparatus and fire-resistant protective clothing.
- Avoid inhalation of smoke and vapours generated during combustion.
- Stay upwind to avoid exposure to combustion products.
- Cool exposed containers with water spray to prevent rupture and spread of the fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

#### 6.1.1. For non-emergency personnel:

- Avoid direct contact with the product, especially with eyes and skin.
- Use protective gloves and safety goggles if there is a risk of splashing.
- On wet surfaces, take care: the product may leave a slippery film.

#### 6.1.2. For emergency personnel:

- No special procedures are required beyond basic use of gloves and eye protection.
- No formation of hazardous vapours is expected.

### 6.2 Precautions for the environment:

- Avoid direct discharge into drainage systems or watercourses.

### 6.3 Methods and material for containment and cleaning:

- In case of a spill, isolate the area and collect the product with non-reactive absorbent material (e.g. sand, soil).
- Do not allow the product to enter drains.
- Clean residues with hot water and neutral detergent.
- Dispose of waste in accordance with Section 13.

#### 6.4 Reference to other sections:

- For personal protective equipment, see Section 8.
- For waste disposal, see Section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

- Avoid prolonged contact with skin and eyes.
- Use protective gloves and safety goggles when handling large quantities or during spraying.
- Follow the recommendations in Section 8 regarding personal protective equipment.
- Clean spills according to the instructions in Section 6.3.
- Application is recommended in well-ventilated areas.

### 7.1.2. Measures to Prevent Fires:

- No significant fire risk, but may burn in the presence of a direct flame. Keep away from heat sources, sparks, or open flames.

### 7.1.3. Measures to Prevent Airborne Particles and Dust:

- The product is a liquid mixture and does not generate dust. No specific measures required.

### 7.1.4. Measures to Protect the Environment:

- Avoid discharge into sewage systems or bodies of water.
- Collect waste in case of spills and manage according to Section 13.

### 7.1.5. General Occupational Hygiene Measures:

- Wash hands after handling.
- Do not eat, drink, or smoke during use.
- Keep the product tightly closed when not in use.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

#### Occupational exposure limit values (OEL 2025):

No specific occupational exposure limit values have been established for the components of the mixture.

### 8.2 Exposure controls:

#### 8.2.1. Appropriate technical controls:

Use the product in well-ventilated areas.

For spray applications or use in confined spaces, it may be necessary to enhance general ventilation or use local exhaust extraction. Avoid prolonged skin contact and inhalation of aerosols, especially if applied hot.

#### 8.2.2. Individual protective measures, such as personal protective equipment:

**Respiratory protection:** Not required under normal conditions of use. For spray applications, use a suitable filter mask (e.g., type A).

**Skin protection:** Use protective gloves (e.g., nitrile) in case of prolonged or repeated contact. For industrial applications or extended handling, wear appropriate work clothing.



**Eye protection:** For professional or industrial applications, safety goggles are recommended where there is a risk of splashing.

**8.2.3. Environmental exposure controls:**

**Air:** No hazardous emissions are expected under normal conditions of use.

**Water:** Avoid discharge into sewage systems or watercourses. In case of a spill, follow the instructions in Section 6.

**Soil:** No specific measures required, but avoid unnecessary releases.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

- Physical state: Liquid
- Colour: Golden-yellowish
- Odour: Mild characteristic (slightly smelling of wax)
- Melting/freezing point: Approximately 0 °C (aqueous phase). Solid components (wax) have a melting point > 450 °C
- Boiling point: ~100 °C
- Flammability: Not applicable
- Explosive limits: Not applicable
- Flash point: Not determined (aqueous mixture)
- Auto-ignition temperature: Not applicable (not pyrophoric)
- Decomposition temperature: Not determined. At high temperatures, organic components may decompose thermally
- pH: ≈ 9–10 (slightly alkaline)
- Viscosity: 385 ± 4 mPa·s (at 21 °C)
- Water solubility: Miscible in water. Fatty components (wax and oils) are in emulsion form
- Partition coefficient (n-octanol/water): Not applicable
- Vapour pressure: ~2.3 kPa (similar to water at 20 °C)
- Density: 1.0 – 1.1 g/cm<sup>3</sup>
- Vapour density: Not applicable
- Particle characteristics: Not applicable

### 9.2 Other information

#### 9.2.1 Information relating to physical hazard classes

The product does not present significant physical hazards under normal conditions of use. It is not classified as flammable, explosive, or oxidising.

#### 9.2.2 Other safety characteristics

Slightly alkaline product due to the presence of potassium soap (approximate pH 9–10). May create slippery surfaces in the event of a spill.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

The product does not present hazardous reactivity under normal conditions of use.

### 10.2 Chemical stability:

The product is chemically stable under normal storage and use conditions.  
It may be affected by extreme temperatures (freezing or overheating).

### 10.3 Possibility of hazardous reactions:

No hazardous reactions are known under normal conditions of use.

### 10.4 Conditions to avoid:

Extreme temperatures (especially freezing)  
Prolonged exposure to intense heat  
Avoid excessive evaporation of water from the emulsion

### 10.5 Incompatible materials:

Avoid contact with strong oxidising agents.

### 10.6 Hazardous decomposition products:

At ambient temperature, decomposition does not occur.  
If the dried product is exposed to temperatures above 580 °C, calcium hydroxide may decompose, releasing water and forming calcium oxide (quicklime), a highly corrosive substance that reacts violently with moisture.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity:** Based on available data, classification criteria are not met.

**Skin corrosion/irritation:** May cause mild irritation in sensitive skin after prolonged contact.

**Serious eye damage/irritation:** May cause mild to moderate eye irritation.

**Respiratory or skin sensitisation:** Based on available data, classification criteria are not met.

**Germ cell mutagenicity:** Based on available data, classification criteria are not met.

**Carcinogenicity:** Based on available data, classification criteria are not met.

**Reproductive toxicity:** Based on available data, classification criteria are not met.

**Specific target organ toxicity (single exposure):** May cause respiratory irritation (Category 3).

**Specific target organ toxicity (repeated exposure):** Based on available data, classification criteria are not met.

**Aspiration hazard:** Based on available data, classification criteria are not met.



## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

No significant adverse effects are expected under normal conditions of use.  
Avoid large releases into the aquatic environment.

### 12.2 Persistence and degradability:

Organic components (wax and oils) are partially biodegradable.

### 12.3 Bioaccumulative potential:

Not relevant or criteria are not met, as these are inert mineral substances.

### 12.4 Soil mobility:

Not relevant or criteria are not met, as these are inert mineral substances.

### 12.5 PBT and vPvB assessment results:

Not relevant or criteria are not met, as these are inert mineral substances.

### 12.6 Endocrine-disrupting properties

The product does not contain components with these properties at levels  $\geq 0.1\%$ .

### 12.7 Other adverse effects:

Not relevant.

## SECTION 13: DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Disposal must be carried out in accordance with current national and EU legislation.  
European Waste List (EWC/LER) code: 08 01 12 – waste paints and varnishes other than those mentioned in 08 01 11

## SECTION 14: TRANSPORT INFORMATION

### 14.1. Classification

The product is not subject to international regulations for the transport of dangerous goods (ADR, RID, IMDG, IATA).

## SECTION 15: REGULATORY INFORMATION

### 15.1 Regulations and legislation on health, safety, and environment specific to the mixture:

Regulation (EU) 2020/878, amending Annex II of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).

### 15.2 Chemical Safety Assessment:

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: OTHER INFORMATION

### 16.1 Abbreviations and Acronyms:

CAS: Chemical Abstracts Service, a division of the American Chemical Society

VLA-ED: Daily occupational exposure limit value

CLP: Classification, Labelling and Packaging

GHS: Globally Harmonized System

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

The information provided in this datasheet is based on the data available to us at the date of its publication.

It is the user's responsibility to take appropriate precautionary measures and apply the recommendations described previously. The information presented in this datasheet should not be considered exhaustive.

Any use of the product not specified in the instructions on the packaging, our website, or other documents provided by our company is entirely the responsibility of the user.