

Promat PROMASEAL® Unicollar

1. Identification of the substance/material and of the company/undertaking

1.1 Identification of substance/material:

- Product identifier:
Product form: Article
Product name:
PROMASEAL® Unicollar
- Product group: Fire protection in buildings.

1.2 Relevant identified uses of the Article and uses advised against:

- Use of the Article:
Main use category:
Professional use
- Uses advised against:
No additional information available

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

Etex Building Performance Limited
Marsh Lane, Easton-in-Gordano,
Bristol, BS20 0NE
Emergency numbers:
01275 377 789 or 0800 145 6033,
Monday - Friday, 8:30am - 5:00pm
E: technical.promat@etexbp.co.uk
www.promat.co.uk

2. Classification of the substance or mixture

2.1. Classification of the substance or mixture:

- Not applicable: Articles are not subjected to any obligation to classify (Art 4 of Regulation (EC) No 1272/2008).

2.2. Label elements:

- According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other Hazards:

- No additional information available

3. Composition/information on ingredients

3.1. Substances: Not applicable

3.2. Mixtures: Not applicable

3.3. Article:

- Components: Intumescent material mainly contains graphite and PVC resin.

4. First aid measures

4.1. Description of first aid measures:

- Skin contact: Wash skin with plenty of water.
- Eye contact: Rinse eyes with water as a precaution.
- Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Call a poison center or a doctor if you feel unwell.
- Inhalation: Remove person to fresh air and keep comfortable for breathing.

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

- Symptoms/effects: Low toxicity - low irritant. In normal use, it is expected that this product represents a minimal hazard. Use safe work practices to avoid the generation of dust particles.
- Skin contact: Low irritant. Prolonged or repeated exposure to dust may result in irritation or dermatitis.
- Eye contact: Due to the product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if dust is generated. Contact may result in mechanical irritation.
- Ingestion: Not applicable. Due to form, ingestion is considered highly unlikely.
- Inhalation: Low irritant. An inhalation hazard is not anticipated unless dust is generated. Over exposure to dust may result in irritation of the nose and throat, with coughing.

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

- Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media: Not flammable. Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture:

- Fire hazard: Nothing to report.
- Explosion hazard: Product is not explosive.
- Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Advice for fire-fighters:

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

- For non-emergency personnel: No additional information available
- 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: Do not allow to enter drains or water courses.

6.3. Methods and materials for containment and cleaning up:

- Methods for cleaning up:
Mechanically recover the product. Dispose in a safe manner in accordance with local/national regulations.

6.4. Reference to other sections:

- Personal protection: section 8
- Product disposal: section 13

7. Handling and storage

7.1. Precautions for safe handling:

- **Precautions for safe handling:**
Read label before use. In normal use, it is expected that this product represents a minimal hazard. Avoid breathing dusts. Avoid eye and skin contact.
- **Hygiene measures:** 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 dry place. Protect material from direct sunlight. Keep only in original packaging. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s):

No additional information available

8. Exposure controls/personal protection

8.1. Control parameters:

Crystalline silica (quartz) (14808-60-7)		
EU	Local name	Silica crystalline (Quartz)
EU	Notes	SCOEL Recommendations (2003)
Ireland	Local name	Quartz, respirable dust, (see Silica, crystalline)
Ireland	OEL (8 hours ref) (mg/m ³)	0.1 mg/m ³
UK	Local name	crystalline silica (quartz), respirable
UK	WEL TWA (mg/m ³)	0.1 mg/m ³
zinc oxide (1314-13-2)		
EU	Local name	Zinc oxide
EU	Notes	SCOEL Recommendations (Ongoing)
Ireland	Local name	Zinc oxide, fume
Ireland	OEL (8 hours ref) (mg/m ³)	2 mg/m ³ R (Respirable)
Ireland	OEL (15 min ref) (mg/m ³)	10 mg/m ³

8.2. Exposure controls:

- **Appropriate engineering controls:**
No special technical protective measures required.
- **Personal protective equipment:**
Not required for normal conditions of use (installation).
- **Hand protection:** Nitrile rubber gloves
- **Eye protection:** Safety glasses
- **Environmental exposure controls:**
Do not allow to enter drains or water courses.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

- **Physical state:** Solid
- **Colour:** Black.
- **Odour:** odourless.
- **Odour threshold:** No data available
- **pH:** 5.5 - 7
- **Relative evaporation rate (butylacetate=1):** No data available
- **Melting point:** No data available
- **Freezing point:** Not applicable
- **Boiling point:** Not applicable
- **Flash point:** No data available
- **Auto-ignition temperature:**
Not applicable
- **Decomposition temperature:**
Not available
- **Flammability (solid, gas):**
Non flammable
- **Vapour pressure:** No data available
- **Relative vapour density at 20°C:**
No data available
- **Relative density:** Not applicable
- **Solubility: Water:** Material insoluble in water
- **Log Pow:** No data available
- **Viscosity, kinematic:** Not applicable
- **Viscosity, dynamic:** No data available
- **Explosive properties:** Not explosive.
- **Oxidising properties:** No data available
- **Explosive limits:** No data available

9.2. Other information:

No additional information available.

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:

- **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.
- May evolve toxic gases if strongly heated.

11. Toxicological information

11.1. Information on toxicological effects:

- **Acute toxicity:** Not classified

zinc oxide (1314-13-2)	
LD50 oral rat	15000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5.7 mg/l/4h
Bis(2-ethylhexyl)Adipate (103-23-1)	
LD50 oral rat	5600 mg/kg
LD50 dermal rabbit	8410 mg/kg

11.2. Symptoms/routes of exposure:

- **Skin corrosion/irritation:**
Not classified; pH: 5.5 - 7
- **Serious eye damage/irritation:**
Not classified; pH: 5.5 - 7
- **Respiratory or skin sensitisation:**
Not classified
- **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

12. Ecological Information

12.1. Toxicity:

- Ecology - general: May cause long lasting harmful effects to aquatic life.

zinc oxide (1314-13-2)	
LC50 fish 1	0.14 mg/l
EC50 Daphnia 1	0.17 mg/l
NOEC chronic algae	0.017 mg/l

Bis(2-ethylhexyl)Adipate (103-23-1)	
EC50 Daphnia 1	> 500 mg/l

12.2. Persistence and degradability:

Not readily biodegradable.

12.3. Bioaccumulative potential:

Not expected to bioaccumulate.

12.4. Mobility in soil:

- Ecology - soil: This product is not likely to volatilise rapidly into the air because of its low vapour pressure. It is not likely to move rapidly with surface or groundwater flows because of its low water solubility.

12.5. Results of PBT and vPvB

assessment: No additional information available.

12.6. Other adverse effects: No

additional information available.

13. Disposal considerations

13.1. Waste treatment methods:

- Regional legislation (waste): Dispose of in accordance with relevant local regulations.
- Product/Packaging disposal recommendations: Do not allow entry to drains, sewers, water courses or soil.

14. Transport Information

In accordance with

ADR / RID / IMDG / IATA / ADN

14.1. UN Number:

ADR	
IMDG	
IATA	Not regulated for transport
ADN	
RID	

14.2. UN proper shipping name:

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.3. Transport hazard class(es):

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.4. Packing group:

ADR	Not applicable
IMDG	Not applicable
IATA	Not applicable
ADN	Not applicable
RID	Not applicable

14.5. Environmental hazards:

ADR	Dangerous for the environment: No
IMDG	Dangerous for the environment: No
	Marine pollutant: No
IATA	Dangerous for the environment: No
ADN	Dangerous for the environment: No
RID	Dangerous for the environment: No

14.6. Special precautions for user:

- Overland transport: No data available
- Transport by sea: No data available
- Air transport: No data available
- Inland waterway transport - Carriage prohibited (ADN): No
- Not subject to ADN: No
- Rail transport - Carriage prohibited (RID): No

14.7. Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code: Not applicable

15. Regulatory information

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

- EU-Regulations: Contains no substance on the REACH candidate list > 0.1 %
- National regulations: No additional information available.

15.2. Chemical Safety Assessment:

This product is not classified as hazardous under the EU CLP regulation (European Regulation EC/1272/2010) on the classification, labelling and packaging of substances and mixtures. As the products contain substances for which Workplace Exposure Limits (WELs) have been set in the HSE EH40 Workplace Exposure Limits publication, a workplace risk assessment must be carried out by the user under the COSHH Regulations 2005 (Control of Substances Hazardous to Health).

These products constitute articles according to the definitions contained within the EU REACH Regulation (European Regulation EC/1907/2006 on the Registration Evaluation Authorisation and Restriction of Chemicals). As such, the legal obligations of articles 31 and 32 of the Regulation do not apply (provision of information in the supply chain on substances and mixtures).

In relation to Article 33 of the REACH Regulation, these products do not contain any substances of very high concern (SVHC) at a concentration of more than 0.1% by weight.

16. Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

These products are only intended for use as defined within current Promat Literature.

This data sheet does not replace the user's own work place risk assessment. It is not intended for the purposes of precise product specification nor warranty.

All information and instructions provided in this data sheet are based on the current state of scientific, technical and legal knowledge at the date indicated on the present data sheet.

The user should ensure that the data sheet being consulted is the current version. To confirm this, or for any additional information or support on intended use, please contact Promat Technical Services.

Full text of H- and EUH-statements:

- **Acute Tox. 4 (Dermal):**
Acute toxicity (dermal), Category 4
- **Acute Tox. 4 (Inhalation):**
Acute toxicity (inhal.), Category 4
- **Acute Tox. 4 (Oral):**
Acute toxicity (oral), Category 4
- **Aquatic Acute 1:**
Hazardous to the aquatic environment – Acute Hazard, Category 1
- **Aquatic Chronic 1:**
Hazardous to the aquatic environment – Chronic Hazard, Category 1
- **Aquatic Chronic 2:**
Hazardous to the aquatic environment – Chronic Hazard, Category 2
- **Aquatic Chronic 4:**
Hazardous to the aquatic environment – Chronic Hazard, Category 4
- **Repr. 2:**
Reproductive toxicity, Category 2
- **Repr. Not classified:**
Reproductive toxicity Not classified
- **Skin Irrit. 2:**
Skin corrosion/irritation, Category 2
- **H302:** Harmful if swallowed
- **H312:** Harmful in contact with skin
- **H315:** Causes skin irritation
- **H332:** Harmful if inhaled
- **H361:** Suspected of damaging fertility or the unborn child
- **H400:** Very toxic to aquatic life
- **H410:** Very toxic to aquatic life with long lasting effects
- **H411:** Toxic to aquatic life with long lasting effects
- **H413:** May cause long lasting harmful effects to aquatic life

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SDS Revision History

Version	Date	Revision
1.0	25/04/2018	First Etex Building Performance issue.