

PROMASEAL® Fire Barrier Coating

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

1.1. Product identifier:
– Product name:
PROMASEAL® Fire Barrier Coating

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

- Use of substance or mixture: Fire protection.
- PCI: Adhesives, Sealants
- PC9a: Coatings and paints

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, 9:00am - 5:00pm
E: technical.promat@etexbp.co.uk
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2. Classification of the substance or mixture

2.1. Classification of the substance or mixture:

- Not applicable:
This product is not classified as hazardous under the EU CLP Regulations EC/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:

- PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/information on ingredients

3.1. Substances: Not applicable.

3.2. Mixtures: Hazardous ingredients:

| | EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|--|-----------|------------|---|--------------------|---------|
| CALCIUM CARBONATE | - | 1317-65-3 | Substance with a Community workplace exposure limit | - | 10-30% |
| ATH Reach registered number(s): 01-2119529246-39-XXXX | 244-492-7 | 21645-51-2 | Substance with a Community workplace exposure limit | - | 10-30% |
| CALCIUM CARBONATE 2 | 207-439-9 | 471-34-1 | Substance with a Community workplace exposure limit | - | 1-10% |
| TITANIUM DIOXIDE Reach registered number(s): 01-2119489379-17-0114 | 236-675-5 | 13463-67-7 | Substance with a Community workplace exposure limit | - | 1-10% |

4. First aid measures

4.1. Description of first aid measures:

- Skin contact: Wash immediately with plenty of soap and water.
- Eye contact: Bathe the eye with running water for 15 minutes.
- Ingestion: Wash out mouth with water.
- Inhalation: Consult a doctor.

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

- Skin contact: There may be mild irritation at the site of contact.
- Eye contact: There may be irritation and redness.
- Ingestion: There may be irritation of the throat.
- Inhalation: No symptoms.

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

- Immediate/special treatment: Not applicable.

5. Fire fighting measures

5.1. Extinguishing media:

- Suitable extinguishing media for the surrounding fire should be used.
- Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture:

- Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters:

- Wear self-contained breathing apparatus.
- Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

- Refer to section 8 of SDS for personal protection details.
- Turn leaking containers leeward to prevent escape of liquid.

6.2. Environmental precautions:

- Do not discharge into rivers or drains.
- Contain the spillage using bunding.

6.3. Methods and materials for containment and cleaning up:

- Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections:

Refer to section 8 of SDS.

7. Handling and storage

7.1. Precautions for safe handling:
– Handling Requirements: Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities:

– Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s):
No data available.

8. Exposure controls/personal protection

8.1. Control parameters:

– Hazardous ingredients:
– Workplace exposure limits:

| | State | 8 Hour TWA | 15min STEL |
|---------------------|-------|--------------------|------------|
| CALCIUM CARBONATE | EU | - | - |
| ATH | UK | - | - |
| CALCIUM CARBONATE 2 | UK | 4mg/m ³ | - |

8.2. DNEL/PNEC: No data available.

8.3. Exposure controls:

– Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.
– Respiratory protection: Respiratory protection not required.
– Hand protection: Protective gloves.
– Eye protection: Safety goggles. Ensure eye bath is to hand.
– Skin protection: Protective clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

– State: Liquid
– Colour: White
– PH: 5-9
– Relative Density: 1.3 - 1.4

9.2. Other information:
No data available.

10. Stability and reactivity

10.1. Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions:

– Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid: Heat.

10.5. Incompatible materials:

– Materials to avoid: Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products: In combustion emits toxic fumes.

11. Toxicological information

11.1. Information on toxicological effects:

– Hazardous ingredients:

| ATH | | | | |
|------------|-----|------|------|-------|
| Inhalation | RAT | LC50 | 7.6 | mg/l |
| Oral | RAT | - | 2000 | mg/kg |

| CALCIUM CARBONATE 2 | | | | |
|---------------------|-----|------|------|-------|
| Oral | RAT | LD50 | 5000 | mg/kg |

– Toxicity values: No data available.

11.2. Symptoms/routes of exposure:

– Skin contact: There may be mild irritation at the site of contact.
– Eye contact: There may be irritation and redness.
– Ingestion: There may be irritation of the throat
– Inhalation: No symptoms.

12. Ecological Information

12.1. Toxicity:

– Hazardous ingredients:

| ATH | | | |
|--|----------|-----|------|
| Atlantic salmon | 96H EC50 | 100 | mg/l |
| Daphnia magna | 48H EC50 | 100 | mg/l |
| Green alga (Selenastrum capricornutum) | 72H EC50 | 100 | mg/l |
| Salmo trutta | LC50 | 100 | mg/l |

| CALCIUM CARBONATE 2 | | | |
|---------------------|----------|--------|------|
| Algae | 72H EC50 | 200 | mg/l |
| Daphnia | 49H EC50 | 1000 | mg/l |
| Fish | 96H LC50 | 10,000 | mg/l |

12.2. Persistence and degradability:
Biodegradable.

12.3. Bioaccumulative potential:
No bio accumulative potential.

12.4. Mobility in soil:
Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment:

– PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects:
Negligible Eco toxicity.

13. Disposal considerations

13.1. Waste treatment methods:

– Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
– NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

14.1. Transport class: This product does not require a classification for transport.

15. Regulatory information

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

- Specific regulations: Not applicable.

15.2. Chemical Safety Assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other information

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

*indicates text in the SDS which has changed since the last revision.

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SDS Revision History

| Version | Date | Revision |
|---------|------------|--|
| 1.0 | 26/03/2019 | First Etex Building Performance issue. |

Technical Services

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