



## ElaGrout Colour Coating MSDS

The Safety Data Sheet complies with the requirements of Annex II to Regulation (EC) No 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

### SECTION 1: Identification of the Substance or Mixture and of the Company

#### 1.1 Product Identifier

- **Trade Name:** ElaGrout Colour Coating

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

- **Product Use:** Hydrophobic impregnation for grout lines
- **Product Use Code:** PC-CON-5 Construction Chemicals
- **Industrial Use:** No
- **Professional Use:** Yes
- **Consumer Use:** Yes

#### 1.3 Details of the Supplier of the Safety Data Sheet

- **Company Name:** Build Care Oy
- **Address:** Kelatie 6, 01450, Vantaa, Finland
- **Phone:** +358 207902710
- **Email:** info@buildcare.fi
- **Website:** www.elagrout.com/en
- **Business ID:** 0710945-5

#### 1.4 Emergency Telephone Number

- **Poison Information Centre (Finland):** +358 800 147 111 or +358 9 471 977 (available 24/7)
- **General Emergency Number:** 112

## SECTION 2: Hazard Identification

### 2.1 Classification of the Substance or Mixture

- **Aquatic Chronic 3; H412:** Harmful to aquatic life with long-lasting effects.

### 2.2 Label Elements

- **Hazard Statements:**
  - H412: Harmful to aquatic life with long-lasting effects.
- **Precautionary Statements:**
  - P273: Avoid release to the environment.
  - P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.
- **Supplemental Information:**
  - EUH211: Warning! Hazardous droplets may be formed during spraying. Do not breathe spray or mist.

### 2.3 Other Hazards

- **PBT/vPvB Assessment:** See Section 12.5.
- **Endocrine Disruption:** The product does not contain substances above 0.1% that are identified as endocrine disruptors.

## SECTION 3: Composition and Information on Ingredients

### 3.2 Mixtures

Substance	CAS Number	EC Number	Classification	Content (% by weight)	Notes
Titanium Dioxide	13463-67-7	236-675-5	Carc. 2; H351	0-15%	<sup>2</sup>
Carbon Black	1333-86-4	215-609-9	Not classified	0-15%	<sup>2</sup>
CI Pigment Red 170	2786-76-7	220-509-3	Not classified	0-15%	
CI Pigment Blue 15:2	147-14-8	205-685-1	Not classified	0-15%	
Zinc Oxide	1314-13-2	215-222-5	Aquatic Acute 1; H400, Aquatic Chronic 1; H410	1-2%	<sup>2</sup>

<sup>2</sup> A substance with an occupational exposure limit (OEL)

#### Notes:

- Full texts for hazard statements are listed in Section 16

## SECTION 4: First-Aid Measures

### 4.1 Description of First-Aid Measures

- **General Advice:** Always seek medical attention if in doubt or symptoms persist. Show the safety data sheet, packaging, or label to the doctor.
- **Inhalation:** Move the affected person to fresh air and keep them at rest. If breathing is irregular or stops, administer artificial respiration. Seek medical attention if symptoms occur.
- **Skin Contact:** Wash immediately with soap and water. Seek medical attention if irritation occurs.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes, keeping eyelids open. Remove contact lenses if easy to do and continue rinsing. Seek medical attention if irritation persists.
- **Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water and seek medical attention if symptoms occur.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- No immediate or delayed symptoms or effects known.
- Symptoms may appear later.

### 4.3 Indication of Immediate Medical Attention and Special Treatment Needed

- Treat symptoms as they occur.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

- **Suitable Extinguishing Media:** Water spray, alcohol-resistant foam, carbon dioxide, or dry powder.
- **Unsuitable Extinguishing Media:** Direct water jet (may spread fire).

### 5.2 Special Hazards Arising from the Substance or Mixture

- No specific hazards. Combustion may produce smoke, carbon monoxide, carbon dioxide, and other incomplete combustion products.

### 5.3 Advice for Firefighters

- Wear self-contained breathing apparatus and protective clothing.

## SECTION 6: Accidental Release Measures

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

- **General Measures:** Stop the leak if it can be done safely. Prevent unauthorized access to the hazard area.
- **For Non-Emergency Personnel:** Avoid contact with skin and eyes. Do not breathe vapors or mist. Use appropriate protective equipment (see Section 8).
- **For Emergency Responders:** Use protective gloves/clothing, eye/face protection, and respiratory protection.

### 6.2 Environmental Precautions

- Prevent product or extinguishing water from entering drains, waterways, or soil.

### 6.3 Methods and Materials for Containment and Cleaning Up

- Contain the spill with inert absorbent material (e.g., sand, diatomaceous earth, or commercial absorbent). Collect and place in tightly sealed, labeled containers for disposal according to local regulations.

### 6.4 References to Other Sections

- See Section 7 for safe handling instructions.
- See Section 8 for personal protection.
- See Section 13 for waste disposal.

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## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

- Ensure adequate ventilation. Do not breathe vapors or mist. Avoid contact with skin and eyes. Use appropriate personal protective equipment (see Section 8).
- Follow standard safety precautions for handling chemicals. Eating, drinking, and smoking are prohibited in areas where this product is handled. Wash

hands and face before breaks and after work. Wash contaminated clothing before reuse.

## 7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Store in a well-ventilated area. Keep container tightly closed. Store in a cool place, upright, and away from freezing. Protect from frost.

## 7.3 Specific End Use(s)

- See Section 1.2 for identified uses.

# SECTION 8: Exposure Controls and Personal Protection

## 8.1 Control Parameters

Substance	CAS Number	Limit Type	Year
Carbon Black	1333-86-4	OEL (8h): 3,5 mg/m <sup>3</sup> <b>OEL (15 min): 7 mg/m<sup>3</sup></b>	
Iron Oxide	1309-37-1	OEL (8h): 5 mg/m <sup>3</sup> Note: Iron Oxide, fumes	
Zinc Oxide	1314-13-2	OEL (8h): 2 mg/m <sup>3</sup> <b>OEL (15 min): 10 mg/m<sup>3</sup></b>	
Inorganic Dust		OEL (8h): 10 mg/m <sup>3</sup>	

Control variables, notes DNEL/PNEC: No chemical safety assessment has been carried out, information on the ingredients is not available.

## 8.2 Exposure Controls

- **Engineering Controls:** Ensure adequate ventilation. Use local exhaust ventilation if necessary to maintain airborne concentrations below permissible limits.
- **Eye/Face Protection:** Use tightly fitting safety goggles (EN 166).
- **Hand Protection:** Use chemical-resistant gloves (EN 374). Follow manufacturer recommendations for suitable materials.
- **Skin Protection:** Wear protective clothing resistant to chemical penetration.
- **Respiratory Protection:** If ventilation is insufficient, use a respirator with appropriate filters.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

- **Physical State:** Liquid
- **Color:** Varies depending on formulation
- **Odor:** Mild or odorless
- **pH:** 8-9
- **Melting/Freezing Point:** 0°C
- **Boiling Point:** ~100°C
- **Flash Point:** Not applicable
- **Evaporation Rate:** Similar to water
- **Flammability (solid, gas):** Non-flammable
- **Upper/Lower Flammability Limits:** Not applicable
- **Vapor Pressure:** Similar to water
- **Vapor Density:** Not determined
- **Relative Density:** 1.13–1.47 g/cm<sup>3</sup>
- **Solubility:** Miscible in water
- **Partition Coefficient (n-octanol/water):** Not determined
- **Auto-Ignition Temperature:** Not applicable
- **Decomposition Temperature:** Not determined
- **Viscosity:** Variable depending on formulation
- **Explosive Properties:** Not explosive
- **Oxidizing Properties:** Not oxidizing

### 9.2 other information

- **VOC Content:** 49,2 g/L

## SECTION 10: Stability and Reactivity

**10.1 Reactivity:** Non-reactive under normal conditions.

**10.2 Chemical Stability:** Stable under recommended storage conditions.

**10.3 Hazardous Reactions:** None under normal conditions.

**10.4 Conditions to Avoid:** Avoid freezing.

**10.5 Incompatible materials:** No known incompatible materials.

**10.6 Hazardous decomposition products:** When the product burns, smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion may be formed.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

Notes: No toxicity data is available for this particular product. The product is not classified based on immediate toxicity. Lack of information.

- **Acute Toxicity:** Not classified as hazardous based on available data.
- **Skin Corrosion/Irritation:** May cause mild irritation upon prolonged contact.
- **Serious Eye Damage/Irritation:** May cause mild irritation upon contact.
- **Respiratory or Skin Sensitization:** Not classified as a sensitizer.
- **Carcinogenicity:** Contains titanium dioxide; inhalation of respirable particles is classified as "Carc. 2." However, the liquid form of the product minimizes inhalation risks.
- **Other Effects:** Prolonged exposure to high concentrations of vapor or mist may cause headaches or dizziness.

### 11.2 Information about other hazards

The product does not contain substances that have been identified as having endocrine-disrupting properties exceeding the notification limit of  $\geq 0.1\%$ .

## SECTION 12: Ecological Information

### 12.1 Toxicity:

No environmental toxicity data is available for this particular product. Based on its ingredients, the product is harmful to aquatic organisms and can cause long-term adverse effects in the aquatic environment. The product must not be released into drains, waterways or soil.

### 12.2 Persistence and Degradability:

- No data available.

### 12.3 Bioaccumulative Potential:

Bioconcentration factor (BCF):

- Value: 352 Notes: Titanium dioxide
- Value: 60960 Notes: Zinc oxide

Assessment of bioaccumulation: The product contains zinc oxide, which can potentially bioaccumulate.

#### **12.4 Mobility in Soil:**

- No data available.

#### **12.5 PBT/vPvB Assessment:**

- Does not contain PBT/vPvB substances.

#### **12.6 Hormone disrupting properties:**

- The product does not contain substances that have been identified as having endocrine-disrupting properties exceeding the notification limit of  $\geq 0.1\%$ .

### **SECTION 13: Disposal Considerations**

#### **13.1 Waste Treatment Methods:**

- Dispose of unused product and packaging in accordance with local regulations.
- Avoid discharge into waterways.
- Dispose of as non-hazardous waste if guidelines are followed.

### **SECTION 14: Transport Information**

**14.1 UN Number:** Not classified as dangerous goods.

**14.2 Proper Shipping Name:** Not regulated.

**14.3 Transport Hazard Class(es):** Not applicable.

**14.4 Packing Group:** Not applicable.

**14.5 Environmental Hazards:** The product is not classified as dangerous for the environment.

**14.6 Special Precautions:** Protect from frost during transport.

### **SECTION 15: Regulatory Information**

**15.1 Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture:**



- Complies with REACH Regulation (EC) No. 1907/2006.

### **15.2 Chemical Safety Assessment:**

- A chemical safety assessment has not been conducted for this product.

## **SECTION 16: Other Information**

### **Full Text of Hazard Statements Referred to in Sections 2 and 3:**

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long-lasting effects.

H412: Harmful to aquatic life with long-lasting effects.

### **Abbreviations and Acronyms Used in the Safety Data Sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road • CAS: Chemical Abstract Service Number • CLP: Classification, Labelling, and Packaging Regulation (EC) No 1272/2008 • DNEL: Derived No-Effect Level • EC: European Commission • EINECS: European Inventory of Existing Commercial Chemical Substances • GHS: Globally Harmonized System of Classification and Labelling of Chemicals • PBT: Persistent, Bioaccumulative, and Toxic • STEL: Short-Term Exposure Limit • TWA: Time-Weighted Average • vPvB: Very Persistent and Very Bioaccumulative • VOC: Volatile Organic Compounds • REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals Regulation (EC) No 1907/2006

**Training Advice:** Ensure that personnel handling the product are informed of its hazards, proper usage, and safety measures as outlined in this Safety Data Sheet.

**Disclaimer:** The information provided in this Safety Data Sheet is accurate to the best of our knowledge and belief as of the date of publication. It is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.