

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

**Product Name:** GACOCRETE  
**Product Code:** A17, A17-1, A17-5

**1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE**

**Product Use:** Architectural Coating and Waterproofing  
 Use this product in accordance with all local, regional, national and international regulations.

**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

**Name/Address:** Firestone Building Products  
 200 4th Avenue South  
 Nashville, TN 37201  
 Gaco is a Firestone Building Products brand

**Telephone Number:** 800-331-0196 / **International:** 001-800-331-0196

**Email:** [sds@gaco.com](mailto:sds@gaco.com)

**Website:** [www.gaco.com](http://www.gaco.com)

**1.4 EMERGENCY TELEPHONE NUMBER**

For Chemical Emergency  
 Spill, Leak, Fire, Exposure, or Incident  
 Within USA and Canada: 1-800-424-9300  
 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

**SECTION 2: HAZARD(S) IDENTIFICATION**

**2.1 CLASSIFICATION OF THE CHEMICAL**

**Hazard class:**

| HAZARD CLASSIFICATION   | CATEGORY |
|---|----------|
| Not Classified<br><br>This mixture does not meet the criteria for classification to OSHA Hazard Communication Standard 2012 1900.1200 (HCS 2012). |          |

**2.2 LABEL ELEMENTS**

**Hazard pictogram:** None

**Signal word:** None

**Hazard statement:** This mixture does not meet the criteria for classification to OSHA Hazard Communication Standard 2012 1900.1200 (HCS 2012).

**Prevention:** Observe good industrial hygiene practices.

**Response:** Wash hands thoroughly after handling.

**Storage:** Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

**2.3 ADDITIONAL INFORMATION**

**Main symptoms:** Direct contact with eyes may cause temporary irritation.  
**Hazards not otherwise specified:** None Known

48% of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 MIXTURES**

**Comments:** This mixture does not meet the criteria for classification according to OSHA Hazard Communication Standard 2012 (HCS 2012) 1900.1200.

**SECTION 4: FIRST-AID MEASURES**

**4.1 DESCRIPTION OF THE FIRST AID MEASURES**

**General information:** Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact:** Wash skin with plenty of soap and water. Get medical attention if irritation develops and persists.

**Eye contact:** Rinse eyes with water. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

Direct contact with eyes or skin may cause temporary irritation.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED**

**Note to physicians:** Treat symptomatically.

**Specific treatments:** In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 EXTINGUISHING MEDIA**

**General hazards:** No unusual fire or explosion hazard.

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher as this will spread the fire.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

**Specific hazards:** During fire, gases hazardous to health may be formed.

**Products of combustion:** May include, and are not limited to: oxides of carbon.

**5.3 Special protective equipment and precautions for fire-fighters (PPE)**

**Special protective equipment for fire-fighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire-fighting procedures:** Keep upwind of fire. Move containers from fire area if you can do it without risk.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

For personal protection, see Section 8 of this SDS.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP**

- Methods for containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning-up:** Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.
- Large spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
- Small spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  
Never return spills to original containers for re-use.
- Environmental precautions:** Avoid discharge into drains, water courses or onto the ground.

**SECTION 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

- Precautions for Safe handling:** Observe good industrial hygiene practices.
- General hygiene advice:** Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- Safe storage:** Store away from incompatible materials.
- Specific use:** Architectural Coating and Waterproofing
- Technical measures:** No specific recommendations.
- Incompatible materials:** None known, avoid strong oxidizing agents.
- Safe packaging material:** No specific recommendations.
- Precautions:** Use personal protective recommended in Section 8 of the SDS.
- Safe handling advice:** Observe good industrial hygiene practices.
- Suitable storage conditions:** Store away from incompatible materials.
- Handling-technical measures:** No specific recommendations.
- Local and general ventilation:** Provide adequate ventilation.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS**

- Control parameters:** Follow standard monitoring procedures.
- Exposure limits:** None

**8.2 EXPOSURE CONTROLS**

- Engineering measures to reduce exposure:**  
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable

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level.

### 8.3 INDIVIDUAL PROTECTIVE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>General:</b>                  | Use personal protective equipment as required.  |
| <b>Eye protection:</b>           | If contact is likely, safety glasses with side shields are recommended.   |
| <b>Hand protection:</b>          | For prolonged or repeated skin contact, use suitable protective gloves.   |
| <b>Respiratory protection:</b>   | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| <b>Skin and body protection:</b> | Wear suitable protective clothing.  |
| <b>Hygiene measures:</b>         | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |
| <b>Thermal hazards:</b>          | Wear appropriate thermal protective clothing, when necessary.   |

**Environmental exposure controls:** Environmental manager must be informed of all major releases.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Appearance:</b>                              | Milky white liquid                         |
| <b>Color:</b>                                   | White                                      |
| <b>Form:</b>                                    | Liquid                                     |
| <b>Odor:</b>                                    | Ammonia                                    |
| <b>Odor Threshold:</b>                          | Not available                              |
| <b>Physical State:</b>                          | Liquid                                     |
| <b>pH (at 20°C):</b>                            | 9.3-10.0                                   |
| <b>Melting Point/Freezing Point:</b>            | 32°F/0°C                                   |
| <b>Initial Boiling Point and Boiling Range:</b> | 212°F/100°C                                |
| <b>Flash Point:</b>                             | Not combustible                            |
| <b>Evaporation Rate:</b>                        | Not available                              |
| <b>Flammability (solid, gaseous):</b>           | Not Flammable                              |
| <b>Lower Flammability/Explosive Limit:</b>      | Not available                              |
| <b>Upper Flammability/Explosive Limit:</b>      | Not available                              |
| <b>Vapor Pressure (mm Hg @38°C):</b>            | Not available                              |
| <b>Vapor Density:</b>                           | Not available                              |
| <b>Density (lb/gal):</b>                        | 8.33-9.996                                 |
| <b>Relative Density/Specific Gravity:</b>       | 1.0-1.2                                    |
| <b>Solubility in water/miscibility:</b>         | Soluble in water                           |
| <b>Partition coefficient: n-octanol/water:</b>  | Not available                              |
| <b>Auto-ignition Temperature:</b>               | Not available                              |
| <b>Decomposition Temperature:</b>               | Not available                              |
| <b>Viscosity (at 20°C)L:</b>                    | 10-40 mPa.s                                |
| <b>Oxidizing Properties:</b>                    | Not available                              |
| <b>Explosive Properties:</b>                    | Not available                              |
| <b>VOC %:</b>                                   | <10 g/L (<0.083 lb/gal)                    |
| <b>Solvent content - Organic:</b>               | 0%   |
| <b>Solvent content - Water:</b>                 | 52-54%                                     |
| <b>Solvent content - Solids:</b>                | 46-48%                                     |
| <b>Other information:</b>                       | Not available                              |
| <b>Incompatibilities:</b>                       | None known, avoid strong oxidizing agents. |

## SECTION 10: STABILITY AND REACTIVITY



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|   |  |
|---|--|
| <b>Symptoms and target organs:</b>            | sensitization.<br>Direct contact with eyes may cause temporary irritation.                                       |
| <b>Chronic health effects:</b>                | No chronic health effects known.   |
| <b>Carcinogenicity:</b>                       | This product is not classified as a carcinogen.  |
| <b>Mutagenicity:</b>                          | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Reproductive Toxicity:</b>                 | This product is not expected to cause reproductive or developmental effects.                                     |
| <b>Specific Target Organ Toxicity (STOT):</b> |  |
| <b>Single Exposure:</b>                       | Not classified as an STOT - Single Exposure.   |
| <b>Repeated Exposure:</b>                     | Not classified as an STOT - Repeated Exposure.   |
| <b>Aspiration Toxicity:</b>                   | Based on available data, this product is not expected to cause aspiration toxicity.                              |
| <b>Other Information:</b>                     | Not applicable.  |

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 ECOTOXICITY

|                                |  |
|--------------------------------|--|
| <b>Ecotoxicity:</b>            | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.             |
| <b>Acute aquatic toxicity:</b> | The product is not classified as acutely environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.     |
| <b>Chronic toxicity:</b>       | The product is not classified as having a chronic environmental hazard. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Environmental effects:</b>  | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.             |

#### 12.2 PERSISTENCE AND DEGRADABILITY

|                                      |   |
|--------------------------------------|---|
| <b>Persistence/biodegradability:</b> | The product contains substances which are not expected to be readily biodegradable. |
|--------------------------------------|---|

#### 12.3 BIOACCUMULATIVE POTENTIAL

|                         |                    |
|-------------------------|--------------------|
| <b>Bioaccumulation:</b> | No data available. |
|-------------------------|--------------------|

#### 12.4 MOBILITY

|                              |                    |
|------------------------------|--------------------|
| <b>Mobility:</b>             | No data available. |
| <b>Mobility in soil:</b>     | No data available. |
| <b>Mobility in non-soil:</b> | No data available. |

#### 12.5 OTHER ADVERSE EFFECTS

|                     |                    |
|---------------------|--------------------|
| <b>Ozone layer:</b> | No data available. |
|---------------------|--------------------|

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 WASTE TREATMENT METHODS

|                                |   |
|--------------------------------|---|
| <b>Disposal method:</b>        | This material must be disposed of in accordance with all local, state, provincial, and federal regulations.   |
| <b>Contaminated packaging:</b> | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| <b>EU codes:</b>               | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |

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**Residual waste:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Waste codes:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** None

### SECTION 14: TRANSPORT INFORMATION

**DOT Non-Bulk**

Not classified as Dangerous Goods for Transport

**DOT Bulk**

Not classified as Dangerous Goods for Transport

**IMDG**

Not classified as Dangerous Goods for Transport

**ICAO/IATA**

Not classified as Dangerous Goods for Transport

**Reportable quantity:** Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

### SECTION 15: REGULATORY INFORMATION

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL**

**US Federal Regulations:**

**U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)**

No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

**SARA/CERCLA reporting requirements:**

The following components of this product are found at concentrations greater than or equal to 0.1% and are subject to SARA/CERCLA reporting requirements.

| Material           | SARA 302 (EHSs) TPQ | SARA 304 EHSs RQ | CERCLA RQ | SARA 313 listed | RCRA CODE  | CAA 112(r) TQ |
|--------------------|---------------------|------------------|-----------|-----------------|------------|---------------|
| Ammonium hydroxide | Not listed          | Not listed       | 1,000     | X               | Not listed | Not listed    |

**State Right-to-Know Regulations**

No components of this product are found at concentrations greater than or equal to 0.1% and are subject to state Right-to-Know reporting requirements.

The following components of this product are found at concentrations greater than or equal to

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0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.

| Material           | California Proposition 65 | Massachusetts Right-to-Know | Minnesota Employee Right-to-Know | New Jersey Community Environmental Hazard Right-to-Know | New Jersey Right-to-Know Substance | Pennsylvania Right-to-Know | Rhode Island Right-to-Know |
|--------------------|---------------------------|-----------------------------|----------------------------------|---|------------------------------------|----------------------------|----------------------------|
| Ammonium hydroxide | Not listed                | Listed                      | Not listed                       | Not listed  | Listed                             | Listed                     | Listed                     |

### Global Inventories:

| Notification status: |                           |
|----------------------|---------------------------|
| US - TSCA            | All substances are listed |
| Canada -DSL          | All substances are listed |
| Canada - NDSL        | No substances are listed  |
| EU - EINECS          | All substances are listed |
| EU - ELINCS          | No substances are listed  |
| EU - NLP             | No substances are listed  |
| Australia – AICS     | All substances are listed |
| China - EICSC        | All substances are listed |
| Japan - ENCS         | All substances are listed |
| Korea - KECI         | All substances are listed |
| Taiwan - NECI        | All substances are listed |
| New Zealand - NZIoC  | All substances are listed |
| Philippine - PICCS   | All substances are listed |

### EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration or the annual tonnage does not require a registration.

| HAZARD CLASSIFICATION | CATEGORY |
|-----------------------|----------|
| Not Classified        |          |

### CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification (GHS):

| HAZARD CLASSIFICATION | CATEGORY |
|-----------------------|----------|
| Not Classified        |          |

### MEXICO (GHS):

| HAZARD CLASSIFICATION | CATEGORY |
|-----------------------|----------|
| Not Classified        |          |

**Carcinogen Status:** No data available.

## SECTION 16: OTHER INFORMATION

### HMIS (Hazardous Materials Identification System) rating:

|                      |          |
|----------------------|----------|
| <b>Health:</b>       | <b>1</b> |
| <b>Flammability:</b> | <b>0</b> |
| <b>Physical:</b>     | <b>0</b> |



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**NFPA 704 (National Fire Protection Association) rating:**

|                   |          |
|-------------------|----------|
| <b>Health</b>     | <b>1</b> |
| <b>Fire</b>       | <b>0</b> |
| <b>Reactivity</b> | <b>0</b> |

**Legend:**

|        |  |
|--------|--|
| DOT    | US Department of Transportation  |
| IATA   | International Air Transport Association  |
| ICAO   | International Civil Aviation Organization  |
| IMDG   | International Maritime Dangerous Goods   |
| ACGIH  | American Conference of Governmental Industrial Hygienists                          |
| NTP    | National Toxicology Program  |
| IARC   | International Agency for Research on Cancer  |
| PPE    | Personal Protective Equipment  |
| RCRA   | Resource Conservation and Recovery Act   |
| CAA    | Clean Air Act  |
| SARA   | Superfund Amendments and Reauthorization Act                                       |
| EPCRA  | Emergency Planning and Community Right-to-Know Act                                 |
| WHMIS  | Workplace Hazardous Materials Information System                                   |
| EU     | European Union   |
| REACH  | Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act               |
| TSCA   | US Toxic Substances Control Act (TSCA)   |
| DSL    | Canada Domestic Substance List (DSL)   |
| NDSL   | Canada Non-Domestic Substance List (NDSL)  |
| EINECS | European Inventory of Existing Commercial Chemical Substances (EINECS)             |
| ELINCS | European List of Notified Chemical Substances (ELINCS)                             |
| NLP    | European list of No-longer Polymers (NLP)  |
| AICS   | Australian Inventory of Chemical Substances (AICS)                                 |
| EICSC  | China Existing Chemical Inventory - IECSC  |
| ENCS   | Japanese Existing and New Chemical Substances Inventory(ENCS)                      |
| KECI   | Korea Existing Chemicals Inventory(KECI)   |
| NECI   | Taiwan National Existing Chemical Inventory (NECI)                                 |
| NZIoC  | New Zealand Inventory of Chemicals (NZIoC)   |
| PICCS  | Philippine Inventory of Chemicals and Chemical Substances (PICCS)                  |
| HMIS   | Hazardous Materials Identification System  |
| NFPA   | National Fire Protection Association (NFPA)  |

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**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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**End of Safety Data Sheet**