



FREDERICK COUNTY GOVERNMENT

Jessica Fitzwater
County Executive

DIVISION OF PLANNING & PERMITTING
Livable Frederick Planning & Design Office

Gary W. Hessong, Acting Division Director
Kimberly Gaines, Director

MEMORANDUM

TO: Historic Preservation Commission
FROM: Beau Lockard, Historic Preservation Planner
DATE: June 26, 2023
RE: Update of Administrative Approvals

Issue:

Staff has reviewed and approved administrative Certificate of Appropriateness applications for Hamilton Shafer Farm (CR#21-07) and Daniel James Farm (CR#20-04).

Background and Discussion:

Per the Frederick County Historic Preservation Commission Rules of Procedure, Section 13.4C, staff will provide an update of administrative approvals to the Commission at its monthly meeting. Exhibit 1, *Classification of Approvals by Scope of Work*, in the Rules of Procedure outlines the areas of work where administrative approval may be granted.

Hamilton Shafer Farm

Under Section I.g.i., Other Building Alterations, it states repair or in-kind replacement of missing or deteriorated architectural details such as...porch decking or ceilings, columns, railings,...that is more than the 25% routine maintenance may be administratively approved. The Hamilton Shafer Farm administrative Certificate of Appropriateness application (Attachment 1) was filed on May 20, 2023 and accepted as complete on May 23 for the replacement of the porch decking and joists on the front porch of the farmhouse.

Staff found that the proposed work will not destroy historic materials that characterize the property, is in keeping with the Secretary of the Interior's Standards for Rehabilitation, is minimal in nature, and will not affect historic, archeological, or architectural significance. Staff approved the Hamilton Shafer application on May 24, 2023 (A-COA #23-07).

Daniel James Farm

Under Section I.g.iv., Other Building Alterations, it states repair of masonry materials and repointing that matches existing or original materials may be administratively approved. The Daniel James Farm administrative Certificate of Appropriateness application (Attachment 2) was

filed on May 29, 2023 and accepted as complete on June 1 for the replacement of the repointing of the historic stone walls on the north and west elevations of the historic stone house.

Staff found that the proposed work will not destroy historic materials that characterize the property, is in keeping with the Secretary of the Interior's Standards for Rehabilitation, is minimal in nature, and will not affect historic, archeological, or architectural significance. Staff approved the Daniel James application on June 1, 2023 (A-COA #23-08).

Attachment:

Attachment 1: Hamilton Shafer Farm Certificate of Appropriateness Application

Attachment 2: Daniel James Farm Certificate of Appropriateness Application

ADMINISTRATIVE
Certificate of Appropriateness Application
Frederick County Historic Preservation Commission

Building Permit # (if applies): _____	<i>For Office Use Only</i> Certificate Application #: <u>A-23-07</u> CR#: <u>21-07</u> Application Accepted as Complete: <u>05 / 23 / 2023</u> APPROVED : 05 / 24 / 2023
HPC Hearing Date: _____ / _____ / _____	
HPC Decision: _____	
Granted: _____	
Rejected: _____	
Deferred for Information/Consultation: _____	

Please print or type. *Applications must be received 4 weeks prior to the scheduled HPC meeting.*

1. APPLICANT

Name: Burkittsville Preservation Association, Inc.
Address: 2 W. Main Street, Burkittsville, Md21718
Home/Cell Phone: 3016938373 Work/Other Daytime Phone: _____
Email: pauljgilligan@comcast.net
Owner Name and Address (if other than applicant): _____

2. HISTORIC PROPERTY

Name (as listed in Frederick Co. Register of Historic Places): Hamilton Willard Shafer Farm
Street Address: 1606 Gapland Road, Jefferson, MD 21755
Tax Map & Parcel Number: Tax Map 74, Parcel 0271 Account 22-47720

3. TYPE OF CHANGE (check all that apply)

<input type="checkbox"/> Alteration	<input type="checkbox"/> Excavation	<input checked="" type="checkbox"/> Repair	<input type="checkbox"/> Grading	<input type="checkbox"/> Addition
<input type="checkbox"/> Moving	<input type="checkbox"/> New Construction	<input type="checkbox"/> Demolition	<input type="checkbox"/> Sign	<input type="checkbox"/> Other

4. WORK BEING PERFORMED BY:

Architect: _____
Engineer: Ron Dustin
Building Contractor/Other: _____

5. REQUIRED ATTACHMENTS TO THIS APPLICATION:

<input type="checkbox"/> Site Plan	<input checked="" type="checkbox"/> Elevation	<input type="checkbox"/> Detail Drawing(s) or Sketch(es)
<input type="checkbox"/> Materials Sample(s)	<input checked="" type="checkbox"/> Photographs (4x6 or larger)	<input type="checkbox"/> Other

(Please discuss appropriate photographs/materials with Historic Preservation Planner prior to application submission)

6. FOR PROPERTIES UNDER EASEMENT FROM A HISTORIC PRESERVATION ORGANIZATION:

Please provide written approval of requested change from easement holder.

7. A. I plan to apply for a Federal tax credit for this project:

☐ Yes ☒ No

B. I plan to apply for a State tax credit for this project:

☐ Yes ☒ No

C. I plan to apply for a Frederick County Property tax credit for this project:

☐ Yes ☒ No

D. I have been awarded a Frederick County Rural Historic Preservation Grant for this project:

☐ Yes ☒ No

8. I have applied for another Frederick County permit, approval, or license regarding this property:

☐ Yes ☒ No

9. DESCRIPTION OF PROPOSED WORK: (attach extra sheets as needed)

Proposed work to refurbish the front porch: Remove all of the existing porch flooring.
Repair the existing stone foundation. Metal detect area. Replace the rotted joist and band
fascia boards. Secure one section of joists to the house foundation
Replace the existing 3 1/4 inch wide flooring with same size mahogany or yellow pine flooring.

10. POSTING OF PROPERTY:

Placards will be provided by the Planning & Permitting Department and must be placed in full view near the principal public road(s) bordering the property for 14 days prior to the scheduled date of the public hearing before the Historic Preservation Commission. Placards should be reasonably weatherproofed and on a stiff backing. Applicants are responsible for the installation and maintenance of the placards unless other accommodations have been made with HPC Staff.

11. PLEASE READ AND INITIAL THE FOLLOWING STATEMENTS:


Yes I am the owner of this property, or

No I am acting on behalf of the owner(s) of this property and have attached a letter from the owner(s) indicating their knowledge of this application.

YES The information on this application represents an accurate description of the proposed work. I have omitted nothing that might affect the decision of the Historic Preservation Commission.

Yes I understand that the approval of this application by the Frederick County Historic Preservation Commission does not constitute approval of other required federal, state, or local permit applications.

- Yes I agree to supply two additional photographs of appropriate representative views of the proposed work when the job is completed.
- YES I will attend (or send a representative to attend) the public meeting for this application before the Historic Preservation Commission.
- YES I understand that issuance of a Certificate of Appropriateness is not an authorization to begin work.
- YES I agree or am authorized by the property owner to grant County officials the right to enter onto the property for the purpose of inspecting the work permitted.


Paul Gilligan

5/20/2023

Signature of Owner/Applicant

Date





Office Use Only

Application # A 23-08 Complete App. 6 / 1 / 23
 CR # 20-04 Approved 6 / 1 / 23

APPLICATION FOR ADMINISTRATIVE APPROVAL FOR CERTIFICATE OF APPROVAL

Please note that upon reviewing an application for administrative approval, Staff may determine that a full application must be made to be heard at a public hearing before the HPC and cannot be administratively approved. House

Address of Project: 12401 Old Annapolis Rd Mount Airy MD 21771

Tax Map and Parcel Number: 0070 0067 09-240298

Property Owner Information

Name Jason and Sandra Storm
 Address 12401 Old Annapolis Rd
 City Mount Airy State MD Zip 21771
 Day Phone 301 748 8042 Cell 301 748 7844
 E-mail jsstormfarm@aol.com
Sandra Storm 40@gmail.com

Contractor's Information

Name Ralph E. Tolbert Masonry, Inc.
 Address 950 Hollywell Ave
 City Chambersburg State PA Zip 17201
 Day Phone 717 264-5401 Cell 301 606 0910
 E-mail Kurt@RETMASONRY.COM
philz@frederickpainting.com

Applicant Information (if other than owner)

Name Same as above
 Address _____
 City _____ State _____ Zip _____
 Day Phone _____ Cell _____
 E-mail _____

Architect/Engineer Information

Name _____
 Address _____
 City _____ State _____ Zip _____
 Day Phone _____ Cell _____
 E-mail _____

NATURE OF PROPOSED WORK: Please check all that apply

☐ NEW CONSTRUCTION

☒ EXTERIOR ALTERATION: Please check all that apply

☐ doors ☐ porches ☐ siding ☐ roof

☐ windows ☐ trim

☒ other: stone re-pointing

☐ DEMOLITION (Only non-contributing resources* will be considered with this application)

☐ SITE WORK

*Non-contributing resource is a building, site, structure, or object that does not add to the historic significance of a property or district.

DESCRIPTION OF PROPOSED WORK: *Please describe the proposed work in detail (Additional pages may be attached)*

CUT OUT EXISTING MORTAR JOINT IN THE STONE FARM HOUSE
AND REPOINT WITH NEW COLOR MORTAR TO MATCH EXISTING.
REBUILD NORTH BRICK CHIMNEY ABOVE ROOF.

SUBMITTAL REQUIREMENTS:

At a minimum, you will need to include the following:

- Printed color photographs or digital photos of existing conditions must be submitted. Once your project is completed, photos of the completed work must be submitted within 60 days to the Historic Preservation Staff.
- Cut sheets/specifications on materials and methods to be used for the proposed replacement/repair.
- A site plan to scale indicating property lines and lot dimensions, adjacent street and curb cuts, and existing structures when proposal involves new construction, demolition, or additions.
- Elevation drawing and/or detail sketch.

Staff may request additional information as necessary to evaluate the application. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

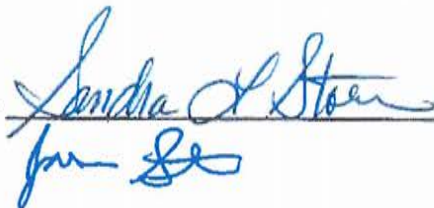
Are there any easements or deed restrictions for the exterior of this building or the site? ☐ Yes ☐ No

If yes, submit a letter from the easement holder stating their approval of the proposed work.

Signature of owner or authorized agent

The applicant certifies & agrees as follows: (1) that they are authorized by the property owner to make this application; (2) that the information provided is true and correct; (3) that they will comply with all regulations and permit requirements of Frederick County which are applicable hereto; (4) that they will only perform work on the above property specifically approved; (5) that the issuance of an Administrative Certificate of Appropriateness is not an authorization to begin work, work may not commence until all necessary permits have been issued; (6) that they are authorized by the property owner to grant County officials the right to enter onto the property for the purpose of inspecting the work permitted.

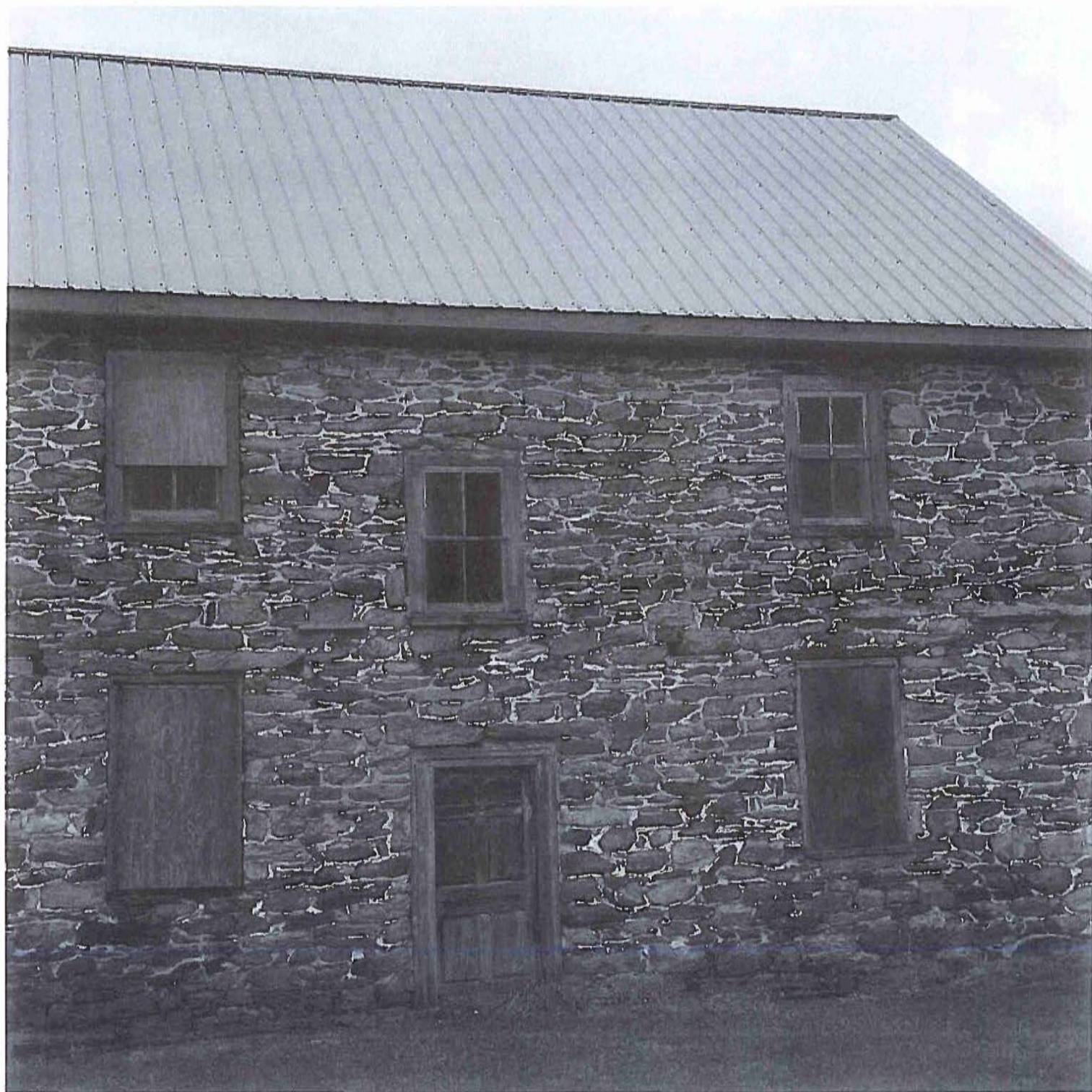
Owner/Applicant signature


for Se

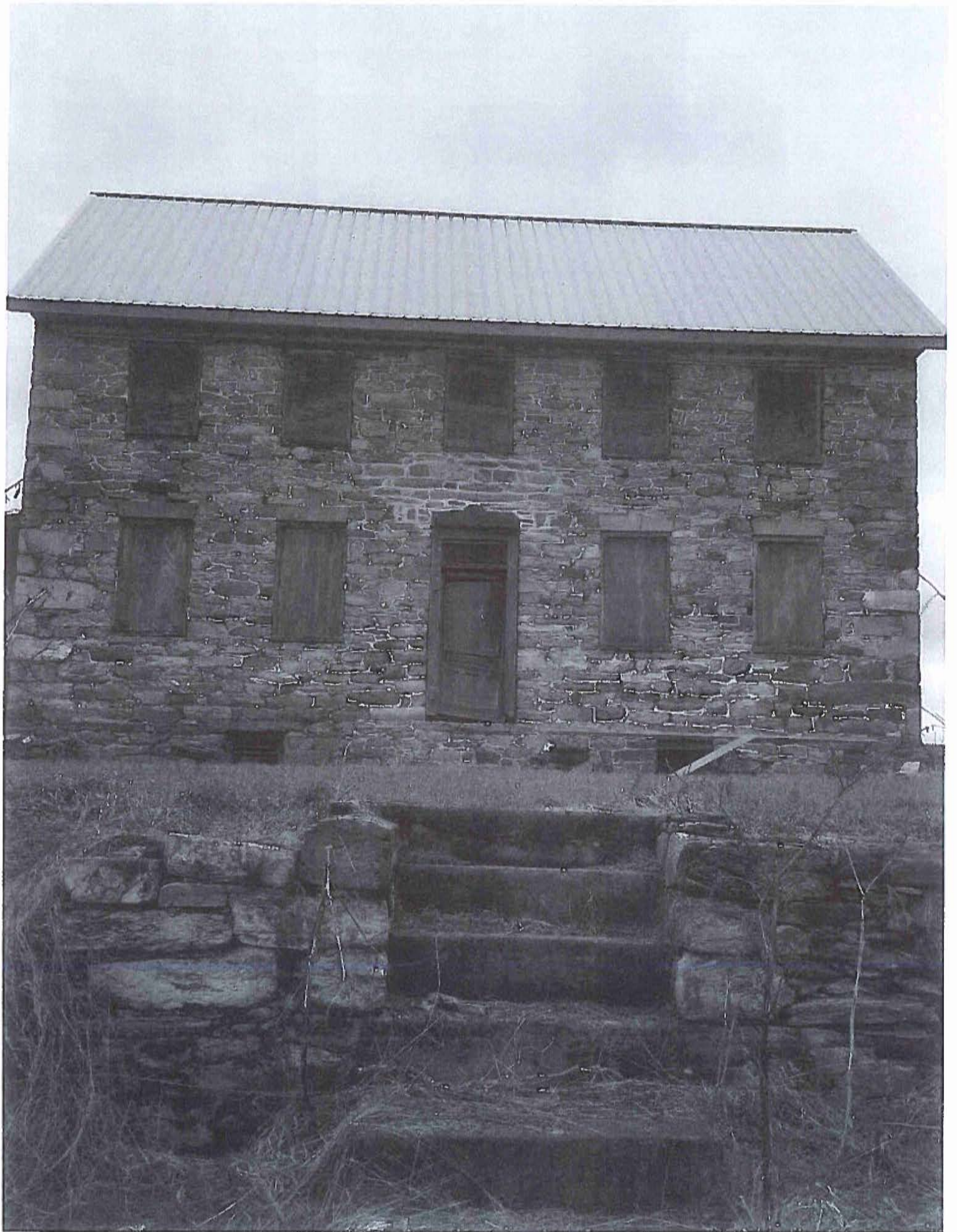
Date

5-29-2023
5-29-23











SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



1. IDENTIFICATION

Product Identifier Argos Masonry, Stucco and Mortar Cement

Synonyms: Cement, Masonry Cement, Mortar cement, Mortar Mix, Parging Mix, U.S. Cement®, Custom Color Masonry Cement, Portland and Lime, Eaglebond®, Superbond™, Types N, O, S or M, MCN or MCS Cement, Trinity® White® Magnolia® Buff, Dark and Ultra Dark Masonry Cement, Premium Stucco Mix, Florida Super Stucco, Florida Super Masonry, Super Stucco, Super 1 Stucco and Florida Masonry Cement, Brick-Lok.

Intended use of the product: Cement is used as a binder in concrete and mortars that are widely used in construction.

Contact: Argos USA LLC
3015 Windward Plaza
Suite 300
Alpharetta, GA 30005
jhartsfield@argos-us.com
Contact Person: Jesse Hartsfield

Contact Information: EMERGENCY TELEPHONE NUMBER (24 hrs): (800)424-9300
COMPANY CONTACT (business hours): (678)368-4300 (8 AM-4 PM EST)

2. HAZARD IDENTIFICATION

According to OSHA 29 CFR 1910.1200 HCS

Classification of the Substance or Mixture

Classification (GHS-US):

Skin Corrosion/Irritation	Category 1	H314
Skin Sensitization	Category 1	H317
Serious Eye Damage/Eye Irritation	Category 1	H318
STOT SE	Category 3	H335
Carcinogenicity	Category 1A	H350
STOT RE	Category 1	H372

Labeling Elements



Signal Word (GHS-US):

Danger

Hazard Statements (GHS-US):

H314 – Causes severe skin burns and eye damage.
H317 – May cause an allergic skin reaction.
H318 – Causes serious eye damage.
H335 – May cause respiratory irritation.
H350 – May cause cancer.
H372 – Causes damage to lung through prolonged or repeated exposure inhalation.

Precautionary Statements (GHS-US):

Prevention

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



P264- Wash thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P271 – Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 – Wear protective gloves.

Response

P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical attention/advice.
P310 – Immediate call a POISON CENTER/Doctor.
P333+P313 - If skin irritation or a rash occurs: Get medical advice/attention.
P363 – Wash contaminated clothing before reuse.

Storage

P403+P233 – Store in a well-ventilated place. Keep container tightly closed.

Disposal

P501- Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition Information

Name	Product Identifier (CAS#)	% (w/w)	Classification
Portland Cement	65997-15-1	30-75	Skin Irritant 1C, H314 Eye Corr. 1, H318 Skin Sensitization 1, H317 STOT SE 3, H335
Limestone	1317-65-3	0-50	Not Classified
Calcium Hydroxide	1305-62-0	0-25	Skin Irritant 2, H315 Eye Irritant 1, H318
Magnesium Hydroxide	1309-42-8	0-38	Skin Sensitizer 1, H317
Calcium sulfate dehydrate	133397-24-5	5-10	Not Classified
Quartz	14808-60-7	< 10	Carcinogenicity 1A, H350 STOT RE 1, H372
Magnesium oxide	1309-48-4	0-4	Not Classified

The exact percentage (concentration) of the composition has been withheld as proprietary.

Small amounts of naturally occurring, but potentially harmful, chemical compounds might be detected during chemical analysis. These trace compounds might include heavy metals such as arsenic, cadmium, chromium, nickel and lead.

4. FIRST AID MEASURES

Route	Measures
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the individual is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



	Inhalation of large amounts of Portland cement requires immediate medical attention. Call a poison center or physician.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth with water and afterwards drink plenty of water. Get immediate medical attention.
Eye Contact	In case of contact get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 30 minutes. Chemical burns must be treated promptly by a physician.
Skin Contact	Wash off with plenty of water. Remove contaminated clothing and shoes. Launder contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
Absorption	As with skin contact, remove contaminated clothing and flush with copious amounts of water. Flush affected area for at least 15 minutes to minimize potential for further absorption. Seek medical attention if significant portions of skin have been exposed.

Most Important Symptoms

Product becomes alkaline when exposed to moisture and may cause skin burns. May cause serious eye damage. May cause allergic skin reaction. Carcinogen; breathing crystalline silica can cause lung disease, including silicosis and lung cancer. Crystalline silica has also been associated with scleroderma and kidney disease. Inhalation of dusts may cause respiratory irritation or burns.

Indication of any immediate medical attention and special treatment needed

Note to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE-FIGHTING MEASURES

Flammable Properties

This product is not flammable or combustible.

Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

Specific Hazards / Products of Combustion

No specific fire or explosion hazard.

Special Precautions and Protective Equipment for Firefighters

Move containers from fire area if this can be done without risk. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

See Section 9 for fire properties of this chemical including flash point, autoignition temperature, and explosive limits

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 for additional information.

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if reportable thresholds have entered the environment, including waterways, soil or air. Materials can enter waterways through drainage systems.

Containment and Clean-Up Methods

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place dust in a closed, labeled waste container. Large spills to waterways may be hazardous due to alkalinity of the product. Dispose of

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



waste material using a licensed waste disposal contractor

7. HANDLING AND STORAGE

Handling Precautions

Avoid contact with eyes, skin, or clothing. This product contains quartz, which may become airborne without a visible cloud. Avoid breathing dust. Avoid creating dusty conditions. Use only with adequate ventilation to keep exposure below recommended exposure limits. Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure by obtaining and following special instructions before use. Do not handle until all safety precautions have been read and understood. Keep in the original container or an approved alternative made from a compatible material and keep the container tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage

Keep container tightly closed in a dry and well-ventilated place. Avoid contact with water and moisture. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Calcium Hydroxide (CAS#1305-62-0)

USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	5 mg/m ³ (respirable fraction)
Canada. Alberta OELs	TWA (mg/m ³)	5 mg/m ³
Canada. British Columbia OELs.	TWA (mg/m ³)	5 mg/m ³
Canada. Ontario OELs	TWA (mg/m ³)	5 mg/m ³
Canada. Quebec OELs	TWA (mg/m ³)	5 mg/m ³
Mexico. Occupational Exposure Limit Values	TWA (mg/m ³)	5 mg/m ³

Calcium sulfate dehydrate (CAS#13397-24-5)

USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ Inhalable fraction
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	5 mg/m ³ (respirable fraction) 15 mg/m ³ (total dust)
Canada. Alberta OELs	TWA (mg/m ³)	10 mg/m ³
Canada. British Columbia OELs.	STEL (mg/m ³) TWA (mg/m ³)	20 mg/m ³ (total dust) 10 mg/m ³ (Inhalable)
Canada. Ontario OELs	TWA (mg/m ³)	10 mg/m ³ (Inhalable fraction)
Canada. Quebec OELs	TWA (mg/m ³)	5 mg/m ³ (respirable dust) 10 mg/m ³ (total dust)
Mexico. Occupational Exposure Limit Values	TWA (mg/m ³)	10 mg/m ³

Limestone (CAS#1317-65-3)

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	5 mg/m ³ (respirable fraction) 15 mg/m ³ (total dust)
Canada. Alberta OELs	TWA (mg/m ³)	10 mg/m ³
Canada. British Columbia OELs.	STEL, (mg/m ³)	20 mg/m ³ (total dust)
	TWA (mg/m ³)	3 mg/m ³ (respirable fraction) 10 mg/m ³ Total dust 10 mg/m ³ (total dust)
Canada. Quebec OELs	TWA (mg/m ³)	
Mexico. Occupational Exposure Limit Values	STEL, (mg/m ³) TWA (mg/m ³)	20 mg/m ³ 10 mg/m ³

Magnesium oxide (CAS#1309-48-4)

USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	15 mg/m ³ (total particulate)
Canada. Alberta OELs	TWA (mg/m ³)	10 mg/m ³ (fume)
Canada. British Columbia OELs.	STEL, (mg/m ³) TWA (mg/m ³)	10 mg/m ³ (respirable dust and/or fume) 3 mg/m ³ (respirable dust and/or fume)
Canada. Ontario OELs	TWA (mg/m ³)	10 mg/m ³ (Inhalable fume)
Canada. Quebec OELs	TWA (mg/m ³)	10 mg/m ³ (Inhalable fraction)
Mexico. Occupational Exposure Limit Values	TWA (mg/m ³)	10 mg/m ³ (fume)

Portland cement (CAS#65997-15-1)

USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³ (respirable fraction)
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	5 mg/m ³ (respirable fraction) 15 mg/m ³ (total dust)
USA OSHA Table Z-3	TWA (mppcf)	50 mppcf
Canada. Alberta OELs	TWA (mg/m ³)	10 mg/m ³
Canada. British Columbia OELs.	TWA (mg/m ³)	3 mg/m ³ (respirable fraction) 10 mg/m ³ (total dust) 10 mg/m ³
Canada. Ontario OELs	TWA (mg/m ³)	
Canada. Quebec OELs	TWA (mg/m ³)	5 mg/m ³ (respirable dust) 10 mg/m ³ (total dust)
Mexico. Occupational Exposure Limit Values	STEL (mg/m ³) TWA (mg/m ³)	20 mg/m ³ 10 mg/m ³

Quartz (CAS#14808-60-7)

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	0.05 mg/m ³ Ca.
USA OSHA Table Z-3	PEL (mg/m ³)	10 mg/m ³ (respirable fraction) (%SiO ₂ + 2); 30 mg/m ³ (total dust) (%SiO ₂ + 2)
Canada. Alberta OELs	TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
Canada. British Columbia OELs.	TWA (mg/m ³)	0.025 mg/m ³ (respirable fraction)
Canada. Ontario OELs	TWA (mg/m ³)	0.1 mg/m ³ (Inhalable)
Canada. Quebec OELs	TWA (mg/m ³)	0.1 mg/m ³ (respirable fraction)
Mexico. Occupational Exposure Limit Values	TWA (mg/m ³)	0.025 mg/m ³

Particles Not Otherwise Regulated (RR-00072-6)

USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (total particulate) 3 mg/m ³ (respirable fraction)
USA OSHA Table Z-1 Limits for Air Contaminants	PEL (mg/m ³)	15 mg/m ³ (total particulate) 5 mg/m ³ (respirable fraction)
Canada. Alberta OELs	TWA (mg/m ³)	10 mg/m ³ (total dust) 10 mg/m ³ (respirable dust)
Canada. British Columbia OELs.	TWA (mg/m ³)	10 mg/m ³ (total dust)
Canada. Ontario OELs	TWA (mg/m ³)	10 mg/m ³ (Inhalable fraction)
Canada. Quebec OELs	TWA (mg/m ³)	10 mg/m ³ (fume)
Mexico. Occupational Exposure Limit Values	TWA (mg/m ³)	10 mg/m ³ (fume)

Engineering Controls

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

Personal Protective Equipment

Exposure	Equipment
Eye / Face	To prevent eye contact, wear safety glasses with side shields, safety goggles or face shields when handling dust or wet cement. Contact lenses should not be worn when working with cement or cement products.
Skin	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information. Do not rely on barrier crèmes; barrier crèmes should not be used in place of gloves.

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



Respiratory	Avoid tasks which cause dust to become airborne. Use local or general ventilation to control exposure below applicable exposure limits. Use NIOSH/MSHA approved (30 CFR 11) or NIOSH approved (42 CFR 84) respirators in poorly ventilated areas, or if an applicable exposure limit is exceeded, or when dust causes discomfort or irritation.
General Hygiene considerations	Periodically wash affected areas contacted by dry or wet cement products with a pH neutral soap. When using, do not eat, drink, or smoke. Wash again at the end of work. If clothing becomes saturated with wet cement products, it should be removed and replaced with clean dry clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Comments
Appearance	Solid Gray, buff or white powder	
Physical State	Solid	
Odor	Odorless	
Odor Threshold	Not available	
pH	12-13 in water	
Melting / Freeze Point	Not available	
Boiling Point And Range	> 1832 °F (> 1000 °C)	
Flash Point	Not flammable. Not combustible.	
Evaporation Rate	Not available	
Flammability	Not available	
Flammability Limits	Not available	
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	2.65-3.15	
Solubility	Slight (0.1-1%)	
Partition Coefficient	Not available	
Autoignition Temperature	Not available	
Decomposition Temperature	Not available	
Viscosity	Not available	
Percent Volatiles	Not available	

10. STABILITY AND REACTIVITY

Reactivity

Reacts slowly with water forming hydrated compounds, releasing heat and producing a strong alkaline solution until reaction is substantially complete.

Stability

The product is stable under normal conditions of use, storage and transport.

Reactions / Polymerization

Not expected to occur

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



Conditions to Avoid

Contact with incompatible materials. When exposed to air it will absorb carbon dioxide to form calcium carbonate and magnesium oxide. When heated at temperatures above 580 deg. C, it loses water to form calcium oxide, magnesium oxide and water.

Incompatible Materials

Wet material is alkaline and will react with acids, ammonium salts, aluminum and other reactive metals. Hardened material is attacked by hydrofluoric acid releasing toxic silicon tetrafluoride gas.

Hazardous Decomposition Products

None expected under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Acute Effects: Product becomes alkaline when exposed to moisture. Contact with wet concrete can burn skin and eyes. Dust from the dry material can cause irritation and possible burns to the eyes and respiratory tract. Symptoms can be delayed.

Acute Toxicity (Inhalation LC50)

Portland cement (CAS# 65997-15-1): >1 mg/L (rat, 4hr)
Limestone (CAS# 1317-65-3): LC50 > 3 mg/L (rat, 4 hr) (Similar substance)
Calcium Hydroxide (CAS# 1305-62-0): No data available
Calcium Sulfate dehydrate (CAS# 13397-24-5): LC50 > 3.26 mg/L air (inhalation, dust, 4 h)
Magnesium Oxide (CAS# 1309-48-4): No data available
Quartz (CAS# 14808-60-7): No data available

Acute Toxicity (Oral LC50)

Portland cement (CAS# 65997-15-1): No data available
Limestone (CAS# 1317-65-3): LD50 6450 mg/kg (rat) (similar substance)
Calcium Hydroxide (CAS# 1305-62-0): LD50 7340 mg/kg (rat)
Calcium Sulfate dehydrate (CAS# 13397-24-5): LD50 > 2000 mg/kg (rat)
Magnesium Oxide (CAS# 1309-48-4): LD50 3870 mg/kg (rat)
Quartz (CAS# 14808-60-7): LD50 500 mg/kg (rat)

Acute Toxicity (Dermal LC50)

Portland cement (CAS# 65997-15-1): No data available
Limestone (CAS# 1317-65-3): LD50 > 2000 mg/kg (Similar substance)
Calcium Hydroxide (CAS# 1305-62-0): LD50 > 2500 mg/kg
Calcium Sulfate dehydrate (CAS# 13397-24-5): No data available
Magnesium Oxide (CAS# 1309-48-4): No data available
Quartz (CAS# 14808-60-7): No data available

Skin Corrosion/Irritation: May cause skin irritation. May cause serious burns in the presence of moisture.

Serious Eye Damage/Irritation: Causes serious eye damage. May cause burns in the presence of moisture.

Respiratory or Skin Sensitization: May cause respiratory tract irritation. The product may contain chromates, which may cause an allergic skin sensitization reaction.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: Cement may contain trace amounts of respirable crystalline silica and hexavalent chromium which are classified by NTP and IARC as known human carcinogens.

ACGIH Carcinogens

Magnesium oxide (CAS# 1309-48-4): A4 Not classifiable as a human carcinogen.
Portland cement (CAS# 65997-15-1): A4 Not classifiable as a human carcinogen

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



Quartz (CAS# 14808-60-7): A2 Suspected human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Quartz (CAS# 14808-60-7): 1 Carcinogenic to humans.

US NTP Report on Carcinogens: Known carcinogen

Quartz (CAS# 14808-60-7): Known To Be Human Carcinogen.

US OSHA Specifically Regulated Substances: Cancer hazard

No data available.

Teratogenicity: No data available.

Specific Target Organ Toxicity (Repeated Exposure): Quartz (CAS #14808-60-7): Category 1, route of exposure: inhalation, target organs: respiratory tract and organs.

Specific Target Organ Toxicity (Single Exposure): Magnesium oxide, Portland cement; Category 3, route of exposure: inhalation and skin contact, target organs: Respiratory tract irritation, skin irritation.

Aspiration Hazard: No data available.

Potential Health Effects: Causes serious eye damage. May cause respiratory irritation. Causes severe burns. May cause an allergic skin reaction. Ingestion: May cause burns to mouth, throat and stomach. May cause nausea, stomach pain and vomiting.

Chronic effects: Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Some studies show excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled. Danger of serious damage to health by prolonged exposure.

Crystalline silica is considered a hazard by inhalation. IARC has classified crystalline silica as a Group 1 substance, carcinogenic to humans. This classification is based on the findings of laboratory animal studies (inhalation and implantation) and epidemiology studies that were considered sufficient for carcinogenicity. Excessive exposure to crystalline silica can cause silicosis, a non-cancerous lung disease. Portland cement (CAS# 65997-15-1): is not classifiable as a human carcinogen.

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. If sensitized to hexavalent chromium, a severe allergic dermal reaction may occur when subsequently exposed to very low levels.

12. ECOLOGICAL INFORMATION

Toxicity:

Data for Mixture: Argos Masonry and Mortar Cement

Aquatic Toxicity- Acute Crustacea EC50 Daphnia 350 mg/l, 48 hours, estimated
Fish LC50 Fish 1058.886 mg/l, 96 hours, estimated

Data for Component: Calcium Hydroxide (CAS# #1305-62-0)

Aquatic Toxicity-Acute Gasterosteus aculeatus 96 hr LC50 = 457 mg/L
Oncorhynchus mykiss 96 hr LC50 = 50.6 mg/L
Crangon septemspinosa 96 hr LC50 = 158 mg/L
Daphnia magna 48 hr EC50 = 49.1 mg/L
Daphnia magna 48 h EC50 > 100 mg/L
Danio rerio 96 h LC50 > 11.1 mg/L

Aquatic Toxicity- Crangon septemspinosa 14 d NOEC = 32 mg/L

Data for Component: Calcium sulfate dihydrate (CAS# 13397-24-5)

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



Aquatic Toxicity-Acute Fish LC50 Fathead minnow (*Pimephales promelas*) > 1970 mg/l, 96 hours

Data for Component: Quartz (CAS# 14808-60-7)

Aquatic Toxicity- Acute *Daphnia magna* 24 hr LL50 > 10000 mg/L

Danio rerio 96 hr LL0 = 10000 mg/L *Daphnia magna* 48 hr EC50 > 100 mg/L (similar substance)

Desmodesmus subspicatus 72 hr EC50 > 14 mg/L (similar substance)

Aquatic Toxicity-Chronic- No data available.

Persistence and Degradation: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Other Information: No data available.

13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Untreated waste should not be released to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe manner. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

US DOT

UN Identification Number	Not regulated
Proper Shipping Name	Not available
Hazard Class and Packing Group	Not available
Shipping Label	Not available
Placard / Bulk Package	Not available
Emergency Response Guidebook Guide Number	Not available

IATA Cargo

UN Identification Number	Not regulated
Shipping Name / Description	Not available
Hazard Class and Packing Group	Not available
ICAO Label	Not available
Packing Instructions Cargo	Not available
Max Quantity Per Package Cargo	Not available

IATA Passenger

UN Identification Number	Not regulated
Shipping Name / Description	Not available
Hazard Class and Packing Group	Not available
ICAO Label	Not available
Packing Instructions Passenger	Not available
Max Quantity Per Package	Not available

IMDG

UN Identification Number	Not regulated
Shipping Name / Description	Not available
Hazard Class and Packing Group	Not available
IMDG Label	Not available
EmS Number	Not available
Marine Pollutant	Not available

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



15. REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. Federal, State, and Local Regulatory Information

U.S. Toxic Substances Control Act

All components are on the U.S. EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

This product is not listed as a CERCLA substance.

SARA Section 313- Supplier Notification

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

Component name	Component ID	Typical level, %	De minimis % Limit*
Mercury	7439-97-6	0.00003	There are no <i>de minimis</i> levels for chemicals of special concern
Lead	7439-92-1	0.0008	

*This product may contain trace amounts of naturally occurring toxic chemicals eligible for the de minimis reporting requirements including: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Manganese, Nickel, Selenium, Silver, Thallium, Zinc.

Clean Air Act Section 112 (b): Hazardous Air Pollutants (HAPs) — Not listed

Clean Air Act Section 602: Class I Substances — Not listed

Clean Air Act Section 602: Class II Substances — Not listed

DEA List I Chemicals: (Precursor Chemicals) — Not listed

DEA List II Chemicals: (Essential Chemicals) — Not listed

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate Hazard (Acute) - Yes

Delayed Hazard (Chronic) - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)-No

State regulations WARNING: This product contains chemical(s) known to the State of California to cause cancer.

US - California Hazardous Substances (Director's):

Calcium Hydroxide (CAS# 1305-62-0)

Magnesium oxide (CAS# 1309-48-4)

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

Quartz (CAS# 14808-60-7)

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Quartz (CAS# 14808-60-7) Listed: October 1, 1988 Carcinogenic.

US - New Jersey RTK - Substances: Listed substance

Calcium Hydroxide (CAS# 1305-62-0)

Calcium sulfate dihydrate (CAS# 13397-24-5)

Limestone (CAS# 1317-65-3)

Magnesium oxide (CAS# 1309-48-4)

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



Portland cement (CAS# 65997-15-1)

Quartz (CAS# 14808-60-7)

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Calcium Hydroxide (CAS# 1305-62-0)

Calcium sulfate dihydrate (CAS# 13397-24-5)

Limestone (CAS# 1317-65-3)

Magnesium oxide (CAS# 1309-48-4)

Portland cement (CAS# 65997-15-1)

Quartz (CAS# 14808-60-7)

US. Massachusetts RTK - Substance List

Calcium Hydroxide (CAS# 1305-62-0)

Calcium sulfate dihydrate (CAS# 13397-24-5)

Limestone (CAS# 1317-65-3)

Magnesium oxide (CAS# 1309-48-4)

Portland cement (CAS# 65997-15-1)

Quartz (CAS# 14808-60-7)

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status

Controlled

WHMIS classification

D2A - Other Toxic Effects-VERY TOXIC

E - Corrosive

WHMIS labeling



Inventory status	Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)		Yes
Canada	Domestic Substances List (DSL)		No
Canada	Non-Domestic Substances List (NDSL)		Yes
China	Inventory of Existing Chemical Substances in China (IECSC)		Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)		Yes
Europe	European List of Notified Chemical Substances (ELINCS)		No
Japan	Inventory of Existing and New Chemical Substances (ENCS)		No
Korea	Existing Chemicals List (ECL)		Yes
New Zealand	New Zealand Inventory		No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)		No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory		Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



16. OTHER INFORMATION

Further information A HMIS® Health rating including an * indicates a chronic hazard

HMIS® ratings

Health: 3*

Flammability: 0

Physical hazard: 0

NFPA ratings

Health: 3

Flammability: 0

Instability: 0

Version: 08/18/2021

Issue Date 01/20/2016

Prior Issue Date 06/15/2020

Description of Revisions

Revised Section 1 with new contact name.

Revised Section 3 with addition of statement regarding naturally occurring trace compounds.

Revised format of Section 8.

Revised Section 15.

Notice to reader

While the information provided in this safety data sheet is believed to provide a useful summary of the hazards of Portland cement as it is commonly used, the sheet cannot anticipate and provide all of the information that might be needed in every situation. Inexperienced product users should obtain proper training before using this product. In particular, the data furnished in this sheet do not address hazards that may be posed by other materials mixed with Portland cement to produce Portland cement products. Users should review other relevant material safety data sheets before working with this Portland cement or working on Portland cement products, for example, Portland cement concrete.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY (Argos USA LLC), except that the product shall conform to contracted specifications. The information provided herein was believed by the (Argos USA LLC) to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

Abbreviations

ACGIH — American Conference of Governmental Industrial Hygienists

CAS# — Chemical Abstract Service

CERCLA — Comprehensive Emergency Response and Comprehensive Liability Act

CFR — Code of Federal Regulations

DOT — Department of Transportation

GHS — Globally Harmonized System

HEPA — High Efficiency Particulate Air

IATA — International Air Transport Association

IARC — International Agency for Research on Cancer

IMDG — International Maritime Dangerous Goods

SAFETY DATA SHEET

Argos Masonry, Stucco and Mortar Cement



NIOSH — National Institute of Occupational Safety and Health

NOEC — No Observed Effect Concentration

NTP — National Toxicology Program

OSHA — Occupational Safety and Health Administration

PEL — Permissible Exposure Limit

REL — Recommended Exposure Limit

RQ — Reportable Quantity

SARA — Superfund Amendments and Reauthorization Act

SDS — Safety Data Sheet

TLV — Threshold Limit Value

TPQ — Threshold Planning Quantity

TSCA — Toxic Substances Control Act

TWA — Time-Weighted Average

UN — United Nations

Disclaimer Statement

This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user.

**** End of Safety Data Sheet ****



May 30, 2023

Argos Magnolia Color Masonry Cement Type N
Manufactured at our Atlanta, Georgia, Plant

Argos certifies that each bag of our Magnolia Color Masonry Cement Type N fully complies with the requirements of ASTM C91 for a Type N masonry cement.

Argos Magnolia Color Masonry Cement is recommended to be mixed in a mechanical mixer at a volumetric ratio of one cubic foot (1 bag) masonry cement to not less than 2 ¼ and not more than 3 ft³ of damp, loose masonry sand conforming to ASTM C144 and an amount of clean, potable water to produce a workable consistency.

Please note that the property requirements of ASTM C270 are specifically not to be used to determine compliance of mortar strengths or other properties through field-testing (ASTM C270 Section 3.3). For field testing procedures, refer to ASTM C780.

Limited Warranty

Argos warrants that Argos Cements meet applicable ASTM requirements. Argos makes no other warranty, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY of merchantability or fitness for a particular purpose, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. Having no control over their use, Argos will not guarantee finished work in which these products are used.

Sincerely,

Bill Kjolien
Masonry Technical Service Manager
Argos USA LLC
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