

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: H&G Cornwall Stone

Company Name: Hammill & Gillespie
466 Southern Blvd.
Chatham, NJ 07928
(973) 822-8000

SECTION 2 – HAZARD(S) IDENTIFICATION

Inhalation: As supplied the product does not give rise to a significant health risk. However when dry, excessive exposure to the dust may result in symptoms of chronic pulmonary disease.

Ingestion: Product is of low acute toxicity.

Eye Contact: Can produce physical irritation and inflammation.

Skin Contact: Product can produce slight irritation.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Mineralogical:	Typical Composition	CAS No	EINECS
	Quartz 20%	14808 - 60-7	238 - 878-4
	Albite 52%	68476 – 25-5	270 – 666-7
	Orthoclase 27%	68476 – 25-5	270 – 666-7

Chemical: Typical XRF analysis as determined by an independent accredited laboratory:

	% age by wt
Silica (SiO ₂)	77.39
Titania (TiO ₂)	<0.05
Alumina (AL ₂ O ₃)	14.06
Ferric Oxide (Fe ₂ O ₃)	0.20
Lime (CaO)	0.42
Magnesia (MgO)	<0.05
Potash (K ₂ O)	3.34
Soda (Na ₂ O)	3.56
Phosphorus Pentoxide (P ₂ O ₅)	0.22
Barium Oxide (BaO)	<0.05
Lead Oxide (PbO)	<0.02
Loss of Ignition at 1025°C	1.06

Physical: Supplied as a semi-dry granulate having a nominal solids content of 90%.

SECTION 4 – FIRST-AID MEASURES

Skin Contact: Wash with Soap and water.
Eye Contact: Wash with copious amount of clean water.
Inhalation: Remove to fresh air
Ingestion: Wash out mouth thoroughly with water. Drink plenty of water. If any symptoms develop seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Non combustible; non flammable. No special fire-fighting equipment or measures required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spillage of semi-dry or dry product should be removed by vacuum methods.

SECTION 7 – HANDLING AND STORAGE

Observe good standards of industrial hygiene and take care to prevent generation of air-born dust. Product should be stored in moisture-proof packaging at ambient temperature. Storage pressure is atmospheric.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

It is recommended that protective clothing and gloves are used to minimize physical exposure to the product. Ventilation should be adequate to ensure that Occupational Exposure Limits to particulates are not exceeded. NIOSH/MSHA certified respirators and eye protection equipment should be worn when handling the product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off white/pinkish granular powder.
Odor: Odorless
pH: N/A
Boiling Point: N/A
Melting Point: Above 150°C
Flammability: N/A
Specific Gravity: Nominally 2.7 gms/cm³

SECTION 10 – STABILITY AND REACTIVITY

The product is a stable product. No known hazardous reactions/decomposition products associated with this product.

SECTION 11 – TOXICOLOGICAL INFORMATION

No toxic effects are known, but prolonged exposure to air born dust constitutes a health hazard.

SECTION 12 – ECOLOGICAL INFORMATION

Non biodegradable but no know eco-toxicity effects are expected.

SECTION 13 – DISPOSAL CONSIDERATIONS

The product can be disposed of as a non-toxic material into approved land fill sites in accordance with current Waste Disposal Regulations.

SECTION 14- TRANSPORT INFORMATION

The product is not classified as a substance hazardous for transport.

SECTION 15 – REGULATORY INFORMATION

The product is not classified as dangerous to supply. The product can be regarded as a health hazard and is regulated by OSHA, CA OSHA and ACGIH as “Particulate Note Otherwise Classified” or “Nuisance Dust”.

SECTION 16 – OTHER INFORMATION

Avoid contamination of food and feed. Not for food, drug or pesticidal use. Keep out of reach of children. This safety data sheet is provided under OSHA Regulations and Guideline and is not intended to constitute an assessment of workplace risk associated with the use of this product. Every care is taken on compiling this information, however Hammill and Gillespie disclaims all liability for any loss, damage or expense arising from any inaccuracy therein.