



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: United Coatings Hydrostop Knockdown Texture Cement

TRADE NAME: N/A

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054

24-HOUR EMERGENCY PHONE (CHEMTREC): 800 – 424 – 9300

INFORMATION ONLY: 800 – 766 – 3411

PREPARED BY: Corporate EHS

APPROVED BY: Corporate EHS




SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
Health	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Eye Irritant - Category 1
Skin Irritant - Category 1
Target Organ (SE) - Category 3
Carcinogen – Category 1

GHS PICTOGRAMS:   

SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes sever skin burns
Causes serious eye irritation
Harmful if inhaled
May cause cancer

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Ingestion, Skin contact

SIGNS & SYMPTOMS OF EXPOSURE

EYES: May cause severe eye irritation.

SKIN: Can cause severe skin burns.

INGESTION: Harmful if swallowed.

INHALATION: May cause respiratory irritation.

ACUTE HEALTH HAZARDS: See above.
Dusts from this product, when combined with water or sweat, produce a corrosive alkaline solution.

CHRONIC HEALTH HAZARDS: Prolonged and repeated breathing of dust may cause lung disease. The extent and severity of lung injury correlates with the length of exposure and dust concentration. Inflammation of the respiratory passages, ulceration and perforation of the nasal septum and pneumonia has been attributed to the inhalation of dust containing calcium oxide. Contains crystalline silica. Long-term exposure to fine airborne crystalline silica dust may cause silicosis a form of pulmonary fibrosis that can cause shortness of breath, cough and reduced lung function. Particles with diameters less than 1 micrometer are considered most hazardous.

CARCINOGENICITY: Portland cement is not classifiable as a human carcinogen. 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Portland cement	65977-15-1	75	15 mg/m ³ (total dust) 5 mg/m ³ (respirable)	1.0 mg/m ³	NE
Non-Hazardous Ingredients		25	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES**FIRST AID PROCEDURES**

EYES: After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing and shoes. Immediately wash exposed area with soap and water. Get medical attention immediately.

INHALATION: Move individual away from exposure and into fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

INGESTION: If swallowed, immediately give 2 glasses of water. Do not induce vomiting. Contact a physician. Never give anything by mouth to an unconscious person. Get immediate medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Care should be supportive and treatment should be based on the judgment of the physician in response to the action of the patient.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water, Carbon dioxide, foam or Dry chemical

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide and Carbon Monoxide.

RECOMMENDED FIRE FIGHTING PROCEDURES: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

UNUSUAL FIRE & EXPLOSION HAZARDS: Reacts with water to form carbon dioxide gas, which may create excessive pressure in containers. At temperatures greater than 400° F material may polymerize causing pressure build up in closed containers. Explosive rupture is possible. Use cold water to cool containers exposed to fire. Reacts exothermically with polyol and alcohols. Reacts exothermically

and possibly violently with acids, amines, and alkaline solutions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Evacuate non-emergency personnel to a safe area. Stop spill at source, dike area of spill to prevent spreading. Absorb spill with inert material such as dry sand or earth and place in a chemical waste container. Neutralize spill with mixture of 90% water, 3-8% ammonia and 2-7% detergent. Add at a 10 to 1 ratio and let stand for 48 hrs allowing CO₂ to escape.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid extreme temperatures. Keep container closed when not in use. Store in a cool dry place, (50° F – 90.1° F).

OTHER PRECAUTIONS: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded, a NIOSH-approved respirator is advised in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

EYE PROTECTION: Safety glasses should be worn.

SKIN PROTECTION: Avoid contact with skin. Selection of specific PPE such as boots, gloves, aprons, and full body suit will depend on operation.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Gray or white powder		
FLASH POINT:	Not Applicable	LOWER EXPLOSIVE LIMIT:	Not Applicable
METHOD USED:	COC	UPPER EXPLOSIVE LIMIT:	Not Applicable
EVAPORATION RATE:	No data	BOILING POINT:	Not Applicable
pH (undiluted product):	10-12	MELTING POINT:	Not Applicable
SOLUBILITY IN WATER:	Reacts with Water	SPECIFIC GRAVITY:	3.15 (Water = 1)
VAPOR DENSITY:	No data	PERCENT VOLATILE:	No data
VAPOR PRESSURE:	Not Applicable	MOLECULAR WEIGHT:	No data
VOC WITH WATER (LBS/GAL):	No data	WITHOUT WATER (LBS/GAL):	No data

SECTION 10: STABILITY AND REACTIVITY**THERMAL STABILITY:****STABLE** X**UNSTABLE** **CONDITIONS TO AVOID (STABILITY):**

Avoid moisture, acids, aluminum.

INCOMPATIBILITY (MATERIAL TO AVOID):

Strong acids - Incompatible with strong acids; may react vigorously.
 Water - reaction generates heat.
 Aluminum – Aluminum powder and other alkali earth elements will react in the presence of water liberating extremely flammable hydrogen gas. Calcium oxide is corrosive to aluminum metal.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Reacts slowly with water forming hydrated compounds, releasing heat and a strongly alkaline solution.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:** Not Available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Harmful to aquatic life. Contact with water forms an alkaline solution. Avoid release to the environment.
Data for Calcium oxide:
96 hour LC50 freshwater fish *Cyprinus carpio* = 1 070 mg/L (static).
Chronic 46 day NOEC freshwater fish *Oreochromis niloticus* juvenile(fledgling, hatchling, weanling)= 100 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: This product and its components are listed on the TSCA 8(b) inventory.

CERCLA: Not Applicable.

SARA

311 / 312 HAZARD CATEGORIES: Not Applicable.

313 REPORTABLE INGREDIENTS: Not Applicable.

CALIFORNIA PROPOSITION 65: This product contains silica, a chemical known to the State of California to cause cancer.

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: New SDS

CHANGES SINCE PREVIOUS SDS: Conversion to GAF SDS.

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.