GAF
Safety Data Sheet
SDS # 4027
SDS Date: December 2021

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	**Premium Acrylic HydroStop Base Coat**
MANUFACTURER:	GAF
ADDRESS:	1 Campus Drive, Parsippany, NJ 07054
24-HOUR EMERGENCY PHONE (CHEMTREC):	800 – 424 – 9300
INFORMATION ONLY:	877-GAF-ROOF
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: Carcinogen – Category 2
Skin Irritation Category 3
Eye Irritation Category 2B

GHS PICTOGRAMS:

SIGNAL WORD: Danger

HAZARD STATEMENTS:
Suspected of causing cancer.
Causes mild skin irritation.
Causes eye irritation.

PRECAUTIONARY STATEMENTS:
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe mist or vapor.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective glove/protective clothing/eye protection/face protection.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin Contact, Eye Contact

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Direct contact with eyes may cause temporary irritation.

SKIN: Prolonged skin contact may cause temporary irritation.

INGESTION: Not expected to be ingested.

INHALATION: May cause damage to organs through prolonged or repeated exposure by inhalation. Prolonged inhalation may be harmful.

ACUTE HEALTH HAZARDS: Excessive exposure can cause pulmonary edema.

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: IARC has determined that occupational exposure to Titanium Dioxide is possibly carcinogenic to humans (Group 2B).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	**CAS #**	**% (BY WT)**	**OSHA**	**ACGIH**	**OTHER**
Calcium Carbonate	1317-65-3	30 – 40	5 mg/m3 – resp. 15 mg/m3 – total	3 mg/m3 – resp. 10 mg/m3 – total	REL: 5 mg/m3 – resp., 10 mg/m3 – total
Zinc Oxide	1314-13-2	1 - 5	5 mg/m3 – resp. 15 mg/m3 – total	2 mg/m3 – resp. 10 mg/m3 – resp. STEL	REL: 5 mg/m3, 15 mg/m3 – ceiling
Aqua Ammonia (10-30%)	1336-21-6	0.1 - <1	35 mg/m3	35 ppm - STEL	35 ppm
Paraffinic Oil	64742-65-0	0.1 - <1	2000 mg/m3 500 ppm	5 mg/m3	NE
Pure (Dibutyl Phthalate)	84-74-2	0.1 - <1	5 mg/m3	5 mg/m3	NE
Titanium Dioxide	13463-67-7	0.1 - <1	15 mg/m3 – total	10 mg/m3 – total	REL: lowest feasible concentration
Non-hazardous ingredients	-	51 – 65	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Flush eyes with water for 15 minutes. If irritation persists, call a physician.

SKIN: Wash area thoroughly with soap and water.

INHALATION: Remove person to an area that has fresh air. If breathing has stopped, administer artificial respiration. Contact physician immediately.

INGESTION: Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Upper respiratory tract irritation. Irritation of eyes and mucous membranes. Coughing. Skin irritation. Prolonged exposure may cause chronic effects.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, CO_2, Dry chemical or foam.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus recommended.
UNUSUAL FIRE & EXPLOSION HAZARDS:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Dam up area to prevent spreading. Caution – area will be slippery. Use absorbent material to dry up the compound.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store in a well ventilated area at 50 – 80 ^{o}F.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid prolonged exposure. When using, do not eat, drink or smoke.. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment.

OTHER PRECAUTIONS:	Protect from freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.
RESPIRATORY PROTECTION:	In case of insufficient ventilation, wear suitable respiratory equipment.
EYE PROTECTION:	Safety goggles or safety glasses with side shields.
SKIN PROTECTION:	Wear appropriate impermeable gloves and protective clothing as necessary to prevent skin contact.
OTHER PROTECTIVE EQUIPMENT:	Not applicable.

WORK HYGIENIC PRACTICES: Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.

EXPOSURE GUIDELINES: Not applicable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Heavy liquid with a slight ammonia odor.		
FLASH POINT:	Not applicable	**LOWER EXPLOSIVE LIMIT:**	No data
METHOD USED:	TCC	**UPPER EXPLOSIVE LIMIT:**	No data
EVAPORATION RATE:	No data	**BOILING POINT:**	No data
pH (undiluted product):	No data	**MELTING POINT:**	No data
SOLUBILITY IN WATER:	Dilutable in water	**SPECIFIC GRAVITY:**	1.42
DENSITY:	11.84 lbs/gal	**PERCENT VOLATILE:**	No data
VAPOR PRESSURE:	No data	**MOLECULAR WEIGHT:**	No data
VOC CALCULATED g/L:	<25	**WITHOUT WATER (LBS/GAL):**	No data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE X** **UNSTABLE**

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. Prolonged inhalation may be harmful.
Skin contact No adverse effects due to skin contact are expected.
Eye contact Direct contact with eyes may cause temporary irritation.
Ingestion Expected to be a low ingestion hazard.

Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
Acute		
Oral		
LD50	Rat	350 mg/kg
Pure (Dibutyl Phthalate) (CAS 84-74-2)		
Acute		
Dermal		
LD50	Rabbit	4200 mg/kg
		20 ml/kg
Inhalation		
LC50	Mouse	25 mg/l, 2 Hours
	Rat	15.68 mg/l, 4 Hours
Oral		
LD50	Guinea pig	10000 mg/kg
	Mouse	4840 mg/kg
	Rat	6300 mg/kg
Zinc Oxide (CAS 1314-13-2)		
Acute		
Inhalation		
LC50	Mouse	> 5.7 mg/l, 4 Hours
Oral		
LD50	Mouse	7950 mg/kg
	Rat	> 5 g/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Skin sensitization This product is not expected to cause skin sensitization.

Carcinogenicity Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity None known.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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:

Aqua Ammonia (10-30%) (CAS 1336-21-6)	Listed.
Pure (Dibutyl Phthalate) (CAS 84-74-2)	Listed.
Zinc Oxide (CAS 1314-13-2)	Listed.

SARA

311/312 HAZARD CATEGORIES: Acute Health Hazard, Chronic Health Hazard

313 REPORTABLE INGREDIENTS:

Zinc Oxide	1314-13-2
Aqua Ammonia (10-30%)	1336-21-6
Pure (Dibutyl Phthalate)	84-74-2

CALIFORNIA PROPOSITION 65:
Pure (Dibutyl Phthalate) (CAS 84-74-2)
Titanium Dioxide (CAS 13463-67-7)

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Pure (Dibutyl Phthalate)	84-74-2	Yes	Yes	Yes	Yes	Yes	Yes
Zinc Oxide	1314-13-2	Yes	No	Yes	Yes	Yes	Yes
Titanium Dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Aqua Ammonia (10-30%)	1336-21-6	No	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:	None
DATE OF PREVIOUS SDS:	July 2019
CHANGES SINCE PREVIOUS SDS:	New name.

This information relates to the specific material designated and may not be valid for such material used in 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.