Siplast
Safety Data Sheet
SDS # 1005
SDS Date: July 2025

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	TeraPROOF Waterstop
MANUFACTURER:	Siplast
ADDRESS:	14911 Quorum Drive, Ste 600, Dallas, TX 75254
24-HOUR EMERGENCY PHONE (CHEMTREC):	800 – 424 – 9300
INFORMATION ONLY:	800 – 922– 8800
WEBSITE:	www,siplast.com
APPROVED BY:	Corporate EHS

SECTION 2: HAZARDS IDENTIFICATION

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed above are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, GAF would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE:	Inhalation, Skin Contact.
SIGNS & SYMPTOMS OF EXPOSURE	
EYES:	Not applicable under normal conditions of use.
SKIN:	Not applicable under normal conditions of use.
INGESTION:	May cause mild irritation.
INHALATION:	Not applicable under normal conditions of use.
ACUTE HEALTH HAZARDS:	None known.
CHRONIC HEALTH HAZARDS:	This product contains granular materials which may cause mechanical skin, eye or respiratory irritation. Inhalation of crystalline silica (quartz) can cause cancer based on animal data,

and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica.

CARCINOGENICITY: Silica - IARC Group 1.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	**CAS #**	**%**	**OSHA**	**ACGIH**	**OTHER**
Bentonite	1302-78-9	>60	15 mg/m3	3 mg/m3	NE
Butyl acrylate resin	9003-49-0	3-7	NE	NE	NE
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	1-5	NE	1 f/cc	REL: 3 f/cc
Silica (crystalline-tridymite)	15468-32-3	<1	0.05 mg/m3	0.05 mg/m3	NE
Silica (crystalline-cristobalite)	4464-46-1	<1	0.05 mg/m3	0.05 mg/m3	NE

NE = Not Established

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:	Generally not required under normal conditions of use.
SKIN:	Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
INHALATION:	Generally not required under normal conditions of use.
INGESTION:	Generally not required under normal conditions of use.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	No information available

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, alcohol foam, carbon dioxide, or dry chemical.
HAZARDOUS COMBUSTION PRODUCTS:	None known.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Amorphous silica may transform at elevated temperatures to tridymite (870 C) or cristobalite (1470 C).

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Use appropriate protective equipment. Avoid creating and breathing dust. Collect using dustless method and use appropriate methods for collection, storage and disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Material is slippery when wet.
OTHER PRECAUTIONS:	Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	General ventilation is acceptable.

RESPIRATORY PROTECTION:	Not required under normal working conditions.
EYE PROTECTION:	Safety glasses with side shields
SKIN PROTECTION:	Wear clothing appropriate for the work environment. Dusty clothing should be laundered before reuse.
OTHER PROTECTIVE EQUIPMENT:	None known.
WORK HYGIENIC PRACTICES:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Gray mat with no odor.		
FLASH POINT:	Not applicable.	**LOWER EXPLOSIVE LIMIT:**	Not applicable.
METHOD USED:	Not applicable.	**UPPER EXPLOSIVE LIMIT:**	Not applicable.
EVAPORATION RATE:	Not applicable.	**BOILING POINT:**	Not applicable.
pH (undiluted product):	Not applicable.	**MELTING POINT:**	Not applicable.
SOLUBILITY IN WATER:	Gels	**SPECIFIC GRAVITY:**	Not applicable.
VAPOR DENSITY:	Not applicable.	**PERCENT VOLATILE:**	Not applicable.
VAPOR PRESSURE:	Not applicable.	**MOLECULAR WEIGHT:**	Not applicable.
VOC WITH WATER (LBS/GAL):	Not applicable.	**WITHOUT WATER (LBS/GAL):**	Not applicable.

SECTION 10: STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID (STABILITY):	None known.
INCOMPATIBILITY (MATERIAL TO AVOID):	Hydrofluoric acid.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Amorphous silica may transform at elevated temperatures to tridymite (870 C) or cristobalite (1470 C).
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Principle Route of Exposure
Eye or skin contact, inhalation.

Inhaled crystalline silica in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (IARC, Group 1). There is sufficient evidence in experimental animals for the carcinogenicity of tridymite (IARC, Group 2A). Breathing silica dust may cause irritation of the nose, throat, and respiratory passages. Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may also have serious chronic health effects (See "Chronic Effects/Carcinogenicity" subsection below).

Skin Contact
May cause mechanical skin irritation.

Eye Contact
May cause eye irritation.

Ingestion
None known.

Aggravated Medical Conditions
Individuals with respiratory disease, including but not limited to asthma and bronchitis, or subject to eye irritation, should not be exposed to quartz dust.

Chronic Effects/ Carcinogenicity
Silicosis: Excessive inhalation of reparable crystalline silica dust may cause a progressive, disabling, and sometimes-fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness, and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.

Cancer Status: The International Agency for Research on Cancer (IARC) has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources can cause lung cancer in humans (Group 1 - carcinogenic to humans) and has determined that there is sufficient evidence in experimental animals for the carcinogenicity of tridymite (Group 2A - possible carcinogen to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (June 1997) in conjunction with the use of these minerals. The National Toxicology Program classifies respirable crystalline silica as "Known to be a human carcinogen"

There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by scarring of the lungs, skin, and other internal organs) and kidney disease.

Carcinogenicity Genotoxicity: Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (June 1997).

SECTION 12: ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air) Not determined
Persistence/Degradability Not determined
Bio-accumulation Not determined

Ecotoxicological Information
Acute Fish Toxicity: TLM96: 10000 ppm (Oncorhynchus mykiss)

Acute Crustaceans Toxicity: Not determined
Acute Algae Toxicity: Not determined
Chemical Fate Information Not determined
Other Information Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of content and/or container in accordance with local, regional, national, and/or 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: Not applicable.

SARA Not applicable.

311 / 312 HAZARD CATEGORIES: Acute, Chronic Health Hazards

313 REPORTABLE INGREDIENTS: Not applicable.

California Proposition 65:
Crystalline Silica (Quartz)/ Silica Sand
Silica (crystalline-cristobalite)
Silica (crystalline-tridymite)

OSHA Hazardous Components :
Bentonite 1302-78-9
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
Silica (crystalline-cristobalite) 14464-46-1
Silica (crystalline-tridymite) 15468-32-3

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: New SDS.

CHANGES SINCE PREVIOUS SDS: None.

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.