

StreetBond150 Part A SDS



Product Name: StreetBond 150 Pt-A
Product Code: SB150-CONC-A-05

1. Identification of the Manufacturer and Supplier

Manufacturer's Name: GAF Construction Products, LLC
Address: 1465 Pipefitter Street
North Charleston, SC 29405
INFORMATION PHONE: (480) 754 8900
TOLL FREE: BACKUP (800) 541 4383
Date Revised: June 2022

Supplier's Name: MPS Paving Systems Australia Pty Ltd.
Address: 79-81 Intrepid Street
Berwick, VIC 3806
Phone: + 61 3 9707 0077
Email: info@mpspaving.com.au

2. Hazardous Ingredients Information

Reportable Components	CAS Number	MM HG @ Temp	Weight %
# SILICA, CRYSTALLINE	14808-60-7	n/a	61.2

OSHA PEL TWA: [29CFR 1910.1000, TABLE Z-1-A] 10mg/m3/ (%SiO₂ +2)
(Respirable fraction) ACGIH TLV TWA: 0.05mg/m3 (Respirable fraction)

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

Indicates carcinogenic chemical.

The hazards of both part A and part B will be exhibited when both parts are combined. This MSDS may be used for other colours and container sizes of this product.

3. Hazards Identification

Emergency Overview:

Potential Health Effects: In outside spray, mixing and rolling applications situate workers upwind of operation and provide airflow in a downwind direction so as to carry fumes and residual spray away from workers.

Eyes: May cause slight/moderate irritation to the eye.

Skin: Contact causes moderate skin irritation. Causes drying of the skin.

Ingestion: While this material has a low degree of toxicity, ingestion of large quantities may cause irritation of the digestive tract.

Inhalation: May cause burning of the upper respiratory tract and/or temporary or permanent lung damage.

4. First Aid Measures

Eyes: Immediately flush with copious amounts of water for at least 15 minutes. If redness, itching, or burning sensations persist consult a physician or ophthalmologist immediately.

Skin: Immediately wash the skin with a generous amount of soap and water. Remove contaminated clothing and shoes and wash before reuse.
If irritation persists consult a physician.

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4. First Aid Measures (continued...)

- Ingestion:** IF SWALLOWED, DO NOT INDUCE VOMITING. DILUTE WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT A PHYSICIAN IMMEDIATELY.
- Inhalation:** Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

5. Fire Fighting Measures

Flammable Properties

- Flash Point:** n/a
- Lower Flammable Limits:** n/a
- Upper Flammable Limit:** n/a
- Auto Ignition Temperature:** Not Available
- Extinguishing Media:** Foam, CO₂, dry chemical, water fog or spray, as appropriate for surrounding fire. Material can splatter above 100°C. Dried product can burn.
- Special Fire Fighting Procedures:** Do not enter any enclosed or confined space without full protective equipment, including self-contained breathing apparatus (pressure-demand OSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.

6. Accidental Release Measures

- Small Spill:** CONTAIN SPILLS IMMEDIATELY WITH INERT MATERIALS (eg. SAND, EARTH.) IF MATERIAL IS SPILLED IN A CONFINED AREA, VENTILATE THE AREA WELL. KEEP SPECTATORS AWAY. FLOOR MAY BE SLIPPERY; USE CARE TO AVOID FALLING. TRANSFER LIQUIDS AND SOLID DIKING MATERIAL TO SEPARATE SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL. CAUTION: KEEP SPILLS AND CLEANING RUNOFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.
- Large Spill:** Use same procedure as small spill.

7. Handling and Storage

- Handling and Storage:** Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.
- Other Precautions:** Avoid skin or eye contact. Avoid prolonged or repeated breathing of vapours and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area. Keep out of the reach of children.

8. Exposure Controls/Personal Protection

- Engineering Controls:**
- Respiratory Protection:** Wear a NIOSH approved respirator appropriate for the vapour or mist concentration at the point of use. Appropriate respirators may be a full-face piece or a half mask air-purifying cartridge respirator equipped for organic vapours/mists, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air respirator. Refer to OSHA standard 29 CFR 1910.134 for additional information.
- Skin Protection:** THE GLOVE(S) LISTED BELOW MAY PROVIDE PROTECTION AGAINST PERMEATION. GLOVES OF OTHER CHEMICALLY RESISTANT MATERIALS MAY NOT PROVIDE ADEQUATE PROTECTION:
- NEOPRENE
- Eye Protection:** Safety glass with side shields.

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9. Physical and Chemical Properties

Boiling Range:	n/a
Melting Point:	n/a
Specific Gravity (H2O=1):	1.659
Vapour Density (Air=1):	Heavier than air
Vapour Pressure:	1 mm HG @ 37.78°C
Evaporation Rate: (N-Butyl Acetate=1)	Faster than ether
Coating VOC:	19 g/l
Material VOC:	11 g/l
Solubility in Water:	Soluble
Appearance:	White or Coloured Aqueous Liquid
Odour:	Ammonia Odour
pH:	n/a

10. Stability and Reactivity Data

Stability:	Stable
Conditions to Avoid:	Extremely hot or cold temperatures.
Incompatible Materials:	Avoid strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
Hazardous Decomposition Products:	Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.
Hazardous Polymerisation:	Will not occur.

11. Toxicological Information

*Data is for individual components of preparation.

Material having a known chronic/acute effect on eyes:	INCONSEQUENTIAL IRRITATION
Material having a known dermal toxicity:	SILICA: SKIN IRRITATION - Due to the high tendency to absorb moisture (and oils), many individuals experience excessively dry, chapped skin with prolonged or repeated exposure.
Materials having a known oral toxicity:	SILICA: Silicas are essentially nontoxic when ingested.
Materials having a known Inhalation hazard:	IT IS POSSIBLE TO BREATHE THIS MATERIAL UNDER CERTAIN CONDITIONS OF HANDLING AND USE (FOR EXAMPLE, DURING MIXING). BREATHING SMALL AMOUNTS OF THE MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. BREATHING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THEN THE RECOMMENDED EXPOSURE LIMITS.
Identified Carcinogens/Long term Effects:	Contains crystalline silica. Overexposure to respirable crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. The international agency for research on cancer (IARC) has evaluated in volume 68, monographs on the evaluation of the carcinogenicity risk of chemicals to humans, crystalline silica in the form of quartz and amorphous silica (1997), that there is "sufficient evidence for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational exposures has been classified as a group 1 carcinogen by the IARC.
Identified Teratogens:	Animal tests have not indicated any teratogenic effects.

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**Identified Reproductive
Identified Mutagens:** NO DATA
Collective data indicate non-mutagenic.

12. Ecological Information

Ecotoxicological effects on plants and animals: In acute tests according to OECD guidelines with Daphnia magna and Brachydanio rerio nominal concentrations of 1,000 or 10,000 mg/l showed no toxicity. Based on the physical-chemical and acute toxicological data no chronic effects and no bioaccumulation in aquatic organisms are expected.

Chemical Fate: SILICA PRODUCTS ARE GENERALLY ECOLOGICALLY SAFE.

13. Disposal Considerations

Instructions: Silica products are generally ecologically safe. They do not affect ground water, especially as dissolved silicon dioxide can often be found in drinking water. It is important to avoid any dust formation during waste disposal. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

14. Transport Information

Shipping Information:
DOT INFORMATION - 49 CFR 172.101
Not Regulated for transport.
IMO/IMDG:
Not Regulated for transport.

15. Other Information

HIMS® III

Health: 1
Flammability: 0
Physical Hazard: 0

* Following Health rating Indicates Chronic/Carcinogenic Effects

HMIS® III Personal Protection: B

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and determine the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.