

StreetBond50™ SDS - resin

Product Name: StreetBond 50 Resin
Product Code: SBRH-HD

1. Identification of the Manufacturer and Supplier

Manufacturer's Name: GAF Construction Products, LLC
Address: 1465 Pipefitter Street
North Charleston, SC 29405
INITIAL (FIRST CALL): CHEMTREC (800) 424 9300
INFORMATION PHONE: (480) 754 8900
24 HOUR EMERGENCY: (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 %
CARBOXYLIC ACID SALT	MIXTURE	17mm @ 20C	3

NO OEL's ESTABLISHED FOR MIXTURE AS A WHOLE. FOR FORMALDEHYDE, CAS#50-00-0, 0.05%, OSHA PEL-0.75PPM TWA, STEL-2PPM, ACGIH TLV-0.3PPM TWA CEILING. MANUFACTURER OF THIS CHEMICAL SUGGESTS AN OCCUPATIONAL EXPOSURE LIMIT FOR FORMALDEHYDE OF 0.3PPM TWA (CEILING).

# SILICONE DIOXIDE - MICROCRSTALLINE	14808-60-7	n/a	2.6
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MICROCRYSTALLINE SILICA, CAS# 14808-60-7, RESPIRABLE, A FORM OF CRYSTALLINE SILICA, OSHA PEL-0.1MG/M3. CRYSTALLINE SILICA, CAS#14808-60-7, RESPIRABLE, OSHA PEL-0.1MG/M3. MICROCRYSTALLINE SILICA, ACGIH TLV-TWA-0.05MG/M3, RESPIRABLE DUST. OSHA PEL:EXPOSURE TO AIRBORNE CRYSTALLINE SILICA SHALL NOT EXCEED AN 8 HR TWA AS STATED IN 29CFR1910.1000, TABLE Z3 FOR MINERAL DUSTS.

*** 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

WHEN COMBINED WITH THE BASE, THE HAZARDOUS PROPERTIES OF BOTH COMPONENTS MAY BE EXHIBITED.

Non Hazardous Ingredients	n/a	94.4
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THIS MSDS MAY BE USED FOR OTHER SIZES OF THIS PRODUCT.

3. Hazards Identification

Potential Health Effects

Eyes: Contact with vapour and/or spray mist may result in irritation, contact with liquid may result in severe irritation.

Skin: Substance may cause slight skin irritation

Ingestion: May cause abdominal pain, nausea and vomiting.

Inhalation: Vapour or mist can cause headache, nausea and irritation of the nose, throat and lungs.

4. First Aid Measures

Eyes: Immediately flush eyes with clean, lukewarm water for 15 minutes. If redness, itching or a burning sensation develops see a physician.

Skin: Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes and wash before reuse. Get medical attention if irritation persists.

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4. First Aid Measures (continued...)

- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.
- Inhalation:** Remove from source of exposure and into fresh air. If not breathing, give artificial respiration. Get immediate medical attention.
- Note to Physician:** None for this material

5. Fire Fighting Measures

Flammable Properties

- Flash Point:** Unknown
- 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.
- Special Fire Fighting Procedures:** Do not enter any enclosed or confined space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.

6. Accidental Release Measures

- Small Spill:** Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove as a liquid, then begin to absorb with sand, saw dust or commercial absorbant, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts 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:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapour, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

8. Exposure Controls/Personal Protection

- Engineering Controls:** If current ventilation practices are not adequate during mixing and application operations to minimize exposure, spray or roll with wind or fan carrying vapors away from you. Turn off heating and/or air conditioning equipment to prevent contaminating building.
- Respiratory Protection:** Wear a NIOSH approved respirator appropriate for the particulate 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 use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Note that PVA degrades in water.
- Eye Protection:** Chemical goggles, unless a full face piece respirator is used. Do not wear contact lenses as they may contribute to the severity of injury to the eye. Eye protection worn must be compatible with respiratory protection system employed.

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9. Physical and Chemical Properties

Boiling Range:	100C
Specific Gravity (H2O=1):	1.0759
Vapour Density (Air=1):	Lighter than air
Evaporation Rate: (N-Butyl Acetate=1)	Slower than ether
Coating VOC:	3 g/l
Material VOC:	1 g/l
Solubility in Water:	Soluble
Appearance:	Highly Thixotropic Liquid.
Odour:	Pungent Ammonia Odour.

10. Stability and Reactivity Data

Stability:	Stable
Conditions to Avoid:	Moisture (will lead to product performance degradation)
Incompatible Materials:	Avoid strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
Hazardous Decomposition Products:	Thermal decomposition or burning may produce carbon monoxide and carbon dioxide, sulphur oxides and unidentified organics in smoke.
Hazardous Polymerisation:	Will not occur.

11. Toxicological Information

Eye:	Inconsequential Irritation
Skin:	Skin Irritation - Rabbit: Practically Non-Irritating. Dermal LD50-Rabbit: >5000 mg/kg.
Ingestion:	Information is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product typical data are: practically non-irritating.
Inhalation:	It is possible to breathe this material under certain conditions of handling and use (for example, during mixing). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Subchronic:	Headache, nausea, abdominal pain and irritation of the nose, throat and lungs. Skin and eye irritation.
Chronic/ Carcinogenicity:	Not established
Teratology:	No data
Reproduction:	No data
Mutagenicity:	No data

12. Ecological Information

Ecotoxicological Information:	No data available
Chemical Fate Information:	No data

13. Disposal Considerations

Instructions:	Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations. Silica, crystalline cas#14808-60-7 the packaging and material may be landfilled; however, material should be covered to minimize generation of airborne dust.
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14. Transport Information

Shipping Information:

DOT INFORMATION - 49 CFR 172.101

DOT DESCRIPTION: Not Regulated