



MATERIAL SAFETY DATA SHEET

SELF-ADHERING WATERPROOFING MEMBRANE

SECTION I - Product Information

Product Name (s):	Self-adhering waterproofing membranes.		
Brand Name (s):	Gripgard ; Gripgard SX ; Mini Gripgard		
Manufacturer:	Building Products of Canada Corp. 9510 St. Patrick Street LaSalle, Quebec, Canada, H8R 1R9		
Emergency Phone Numbers:	Maritimes (514) 364-0161	Manitoba (403) 466-1135	
	Quebec	Saskatchewan	
	Ontario	Alberta	
	U.S.A.	British Columbia	
Product Uses:	This self-sealing waterproofing membrane is used as eave protection on sloped roofs as well as underlayment on low sloped roofs. It is also used in valleys and around metal flashing.		

SECTION II - Preparation Information

Prepared by:	Building Products of Canada Corp. 9510 St. Patrick Street LaSalle, Quebec, Canada, H8R 1R9		
Date of preparation:	August 2010		
Date of revision:	August 2013		

SECTION III - Hazardous material

<u>Ingredient</u>	<u>CAS #</u>	<u>%Wt</u>
Asphalt	8052-42-4	45-55
Calcium carbonate	1317-65-3	3-7
Styrene-butadiene polymer	9003-55-8	10-40
Crystalline silica	14808-60-4	<1
Rubber-based adhesive	n/a	0-10



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SECTION IV - Physical Data

1. Physical State:	Solid (Rolls).
2. Odour and appearance:	<i>Odour</i> - Slight rubber odour. <i>Appearance</i> - Dark mat with asphalt, mineral granules.
3. Specific gravity:	Not determined.
4. Boiling point:	Not determined.
5. Vapour pressure:	Not applicable.
6. Solubility in water:	Insoluble.
7. Freezing point:	Not determined.
8. Viscosity:	Not applicable.
9. VOC:	Not applicable.
10. PH:	Not applicable.
11. Melting point:	Not determined.
12. Evaporation rate:	Not applicable.
13. Percent volatile:	0%

SECTION V - Fire and explosion data

Flash point:	Not applicable.
Flammability:	Not determined.
Auto-ignition temperature:	Not determined.
Fire and explosion hazards:	There is no potential for fire or explosion.
Extinguishing method:	No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid smoke and gas inhalation.
Fire fighting procedures:	Use water spray to cool fire-exposed area and as a protective screen. Self-contained breathing apparatus is recommended.

SECTION VI - Reactivity Data

Stability:	Stable.
Conditions to avoid:	Not applicable.
Materials to avoid:	Not applicable.
Hazardous decomposition:	Carbon monoxide; carbon particles; hydrocarbons.
Hazardous polymerization:	Will not occur.

SECTION VII - Environmental and disposal information

Product as produced is in solid state. For disposal use approved waste disposal procedures, following all federal, state, provincial and local laws, codes and regulations.



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SECTION VIII - Health Hazard Data

Under normal conditions of use, this product is not expected to create any unusual health hazards.

Crystalline silica has been classified by the International Agency for Research on Cancer 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. Several studies did not consider other factors or elements that workers may be exposed to. Therefore, the causes of the excess deaths due to cancer could not be precisely determined. Further studies are being conducted to determine the risk of cancer when working with crystalline silica products. Excessive exposure to crystalline silica can cause silicosis, a non-cancerous lung disease.

Toxicity Data:

The International Agency for Research on Cancer states that there is inadequate evidence that bitumens alone are carcinogenic to humans.

Effects of over-exposure:

Inhalation - Not expected to occur. Irritation of the upper respiratory tract (scratchy throat, coughing and congestion) may occur in extreme exposures. **Skin and eyes** - Temporary irritation or redness can occur. **Ingestion** - Due to physical state of product, ingestion is unlikely.

SECTION IX - First Aid

Emergency and first aid procedures:

Inhalation - Not expected to occur. Remove to fresh air. Drink water to clear throat and blow nose to remove dust. **Skin** - Wash gently with soap and warm water to remove dust and fibres. Wash hands before eating or using washroom. Do not eat or drink while using product. **Eyes** - Not expected to occur. Physician assessment if eyes are inflamed. **Ingestion** - Not applicable.

SECTION X - Handling precautions

Handling procedures - Protective equipment should be provided as necessary to prevent excessive skin contact. **Eyes** - Not required. **Skin** - Leather or cotton gloves should be worn to prevent skin contact and irritation. **Respiratory** - Not required.

Exposure Limits

Asphalt (8052-42-4)

ACGIH: 0.5 mg/m³ TWA

Calcium Carbonate (1317-65-3)

ACGIH: 10 mg/m³ TWA (valid for particle matter containing no asbestos and < 1% crystalline silica)

Crystalline Silica (14808-60-7)

ACGIH: 0.05 mg/m³ TWA (this TLV is for breathable fraction of dust)

Storage procedures - Avoid direct exposure to very high heat or open flames. Warehouse storage should be in accordance with instructions on packaging, if any. Material should be kept dry and protected from the elements.

SECTION XI - Additional Information

For product as produced and used, there are no special safety procedures required.

Since this product is a “manufactures article”, Building Products of Canada Corp. is not required by law to produce a material safety data sheet. This document is provided as a customer service information. The recommendations and data presented are believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.