



# ROOFGARD™ SA CAP P-FR

Self-Adhering Polyester/Fiberglass-Reinforced SBS-Modified, Fire-Retardant Cap Sheet

**Description:** Self-adhering, fire-retardant granulated cap sheet, manufactured with SBS-modified asphalt and polyester/fiberglass-reinforced.

- Manufactured with SBS-modified asphalt.
- Polyester/Fiberglass-reinforced.
- 4" (101.6 mm) Grip-Lap™ selvage with Feathered Edge™.
- Granular top surface.
- Split back poly release film bottom surface.
- Thickness: Approx. 135 mils. (3.5 mm).
- Surface Softening Point: 225° F (107° C).
- Cold Flex Temperature: Pass.
- Tensile Strength: 70lb/in.

**Usage:** Self-adhering cap sheet for use in all low-slope applications.

**Packaging:**

- Roll Size: One Square: 39.37" (1 m) x 34' (10.36 m)
- Pallet: 20 rolls per pallet.

**Storage:** Store rolls on end, on original pallets or elevated platform. Protect from weather or store in a cool, well ventilated space. Store at room temperature between 55° F and 95° F (13° C and 35° C).

**General Instructions:**

- All Roofgard self-adhered membranes must be rolled to ensure proper adhesion.
- For best adhesion, apply in 50° F (10° C) and rising.

ELK ROOFGARD SA CAP P – TECHNICAL DATA	
PROPERTY	TEST
Seam Width	4" (101.6 mm)
Top Surface	Granules
Bottom Surface	Split Back Release Film
Reinforcement	Polyester/Fiberglass
Coverage/Size	1 Square : 111.54 sq. ft. : 10.36 sq. m
Thickness	135 mils (3.5 mm)
Softening Point - ASTM D36 (°F)	225° F
Softening Point - ASTM D36 (°C)	107° C
Cold Flex Temperature - D5147 - 7.6(-22° C)	Pass
Tensile Strength - ASTM D412-98a (lbs/in)	M.D.=66 : C.D.=58
Tensile Strength - ASTM D1922 (grams)	3000
Tensile Strength - ASTM D4073 (lbs/in)	75

Approvals: Underwriters Laboratories: R21129, Florida Building Commission: FL 2337

**Plant Location:**  
 3441 S. Willow Ave.  
 Fresno, CA 93725  
 559.499.2222

© 2006 Elk Premium Building Products, Inc. All rights reserved. All trademarks designated ® are registered trademarks and all trademarks designated ™ are other trademarks of Elk Premium Building Products, Inc., an ElkCorp company (NYSE:ELK), or its subsidiaries .

**ROOFGARD SA CAP P-FR:**

- Self-adhering polyester/fiberglass-reinforced SBS-modified fire-retardant cap sheet.
- 1 square roll

**HANDLING AND STORAGE:**

- Stand on end. Do not lay flat.
- Store in cool, dry area out of direct sunlight.
- Rotate stock – best used within one year of manufacture date.
- Material should be unrolled, exposed to sunlight and allowed to relax prior to installation.

**APPROVALS:**

- UL R21129
- FBC 2337



# Material Safety Data Sheet

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.  
U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072

IDENTITY (as Used on Label and List) RoofGard SA Cap P-FR

## Section I

Manufacturer's name RGM Products, Inc.  
Address (Number, Street, City, State and ZIP Code) 3441 South Willow Avenue, Fresno, CA 93725

Emergency Telephone Number:  
Telephone Number for Information: 559-499-2222  
Date Prepared: March 3, 2005  
Signature of Preparer (optional): Technical Department

## Section II - Hazardous Ingredients/Identity Information

NE = Not Established

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Asphalt #8052-42-4	NE	0.5mg/m3	NA	20-40
Silica, Crystalline Quartz, CAS #14808-60-7	NE	*0.9 mg/m3	NA	15-25
Styrene-Butadiene polymer 9003-55-8	NE	NE	NA	<10
Dolomite (CaMg(CO3)2), 16389-88-1	5 mg/m3 (resp)	NE	NA	30-50
Polyester Mat, CAS Not available	NE	NE	NA	3-8
Mineral Granules, NE	NE	NE	NA	30-40
Decabromodiphenyl Oxide, CAS# 1163-19-5	15mg/m3	10mg/m3	NA	<10
Distillates, petroleum, heavy naphthenic, CAS #64741-53-3	NE	NE	NE	<5
Antimony Oxide, 1309-64-4	0.5 mg/m3	0.5 mg/m3	NA	<5
Zinc Borate, CAS# 12447-61-9	NE	NE	NA	<5

\*\* Respirable Crystalline Silica is not expected to be released. Sand is adhered to product, and 99.8% is too large to be respirable.

ARTICLE: This product is an article as defined by the US Toxic Substance Control Act (TSCA) and the Canadian Environmental Protection Act (CEPA). All ingredients are bound in a solid matrix. Ingredients and exposure limits are provided for reference only. The product does not release any toxic substances during handling and storage. However, when cut or heated, the product may release irritating fumes and dusts, specifically, glass fiber dust and/or asphalt fumes.

## Section III - Physical/Chemical Characteristics

Boiling Point	>700°F	Specific Gravity (H <sub>2</sub> O = 1)	1.5
Vapor Pressure (mm Hg)	NA	Melting Point	N/A
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Not soluble	Appearance and Odor	Black mat. Slight petroleum odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): >550°F, ASTM D92      Flammable Limits: >700°F      LEL: 1%      UEL: NA

Extinguishing Media: CO<sub>2</sub>, Foam, dry chemical

Special Fire Fighting Procedures: Combustible. Avoid breathing fumes. Firefighters should not enter confined spaces without wearing NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

Unusual Fire and Explosion Hazards: When heated, fumes may burn if ignition source is provided. Petroleum asphalt fumes can explode if emitted in an enclosed environment and supplied with an ignition source. Burning product will cause thick black smoke.

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Except when application requires heat welding or torch application methods for installation to roof, keep from heat, sparks, open flame, and other sources of ignition.
	Stable	X	

Incompatibility (Materials to Avoid): Strong acids or bases, oxidizing agents and selected amines

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, ozone, hydrogen sulfide, oxides of sulfur and various hydrocarbons

Hazardous Polymerization	May Occur		Conditions to Avoid: Overheating may cause fire.
	Will Not Occur	X	

## Section VI - Health Hazard Data

Route(s) of Entry      Inhalation?: Yes      Skin?: Yes      Ingestion?: Do not ingest.

Health Hazards (Acute and Chronic)      Acute: Nose and throat irritation; may cause skin rash.

Chronic: No known chronic health hazards have been noted with these materials.

Carcinogenicity: None known      NTP?      IARC Monographs?      OSHA Regulated?

Signs and Symptoms of Exposure: Nose and throat irritation; skin rash.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures: Remove individual to fresh air; wash with soap and water. If irritation persists, seek medical advice.

## Section VII - Precautions for Safe Handling and Use: None required. Use good housekeeping.

Steps to Be Taken in Case Material Is Released or Spilled: No special handling required. Use good housekeeping.      Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing: Store out of direct sunlight, in a cool dry area.      Other Precautions: None

## Section VIII - Control Measures

Respiratory Protection (Specify Type): NA under normal conditions of use.

Ventilation      Local Exhaust:      Special: None      Mechanical (General): N/A      Other:

Protective Gloves: Yes      Eye Protection: Not normally necessary; glasses or goggles can be used.

Other Protective Clothing or Equipment: Long sleeves, long pants, work shoes      Work/Hygienic Practices: None