

Ruberoid[®] EnergyCap[™]

Material Safety Data Sheet

Updated: 4/08



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Quality You Can Trust Since 1886!*

GAF MATERIALS CORPORATION MATERIAL SAFETY DATA SHEET

MSDS # 2092
MSDS DATE:4/18/08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ruberoid EnergyCap SBS 30FR, Ruberoid EnergyCap APP 250 FR, Brai Supreme Cool Cap Poly Granule FR, Brai Supreme Cool Cap Glass Granule FR
TRADE NAME:
CHEMICAL NAME/SYNONYM:
CHEMICAL FAMILY: Roll Roofing
MANUFACTURER: GAF & BMCA
ADDRESS: 1361 Alps Road, Wayne, NJ 07470
24 HOUR EMERGENCY PHONE: (CHEMTREC): 800-424-9300
INFORMATION ONLY: 800-766-3411
PREPARED BY: Amir Khan
APPROVED BY: Dan Helman

	NFPA HAZARD RATING:		HMIS HAZARD RATING:
	1	Health	1
	1	Flammable	1
	0	Reactive	0
	0	Special Hazards	0
OSHA HAZARDOUS:	Yes <input type="checkbox"/>		No <input type="checkbox"/>

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	OCCUPATIONAL EXPOSURE LIMITS	
				ACGIH	OTHER
Asphalt	8052-42-4	40-60	None	0.5 mg/m3	
Silica, Crystalline Or	14808-60-7	3-5	See table	0.9 mg/m3	
Talc	14807-96-6	1	20 MPPCF	2.0 mg/m3	
Non-hazardous ingredients	34-64				

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Inhalation
SIGNS & SYMPTOMS OF EXPOSURE
Eyes: Flush eyes with flowing water for 15 mins.
Skin: Cool with ice or water.
Ingestion: Get medical advice
Inhalation: Irritation of nasal passages, throat and lungs. Can cause headaches and nausea
ACUTE HEALTH HAZARDS: Nasal irritant of mucus membranes.
CHRONIC HEALTH HAZARDS: Silica: limitation of expansion of chest, Emphysema. Talc: Pneumoconiosis. Asphalt: burns or nasal/throat irritation.
CARCINOGENICITY: Not listed

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES: Eyes: Flush eyes with water for 15 minutes. Skin: do not attempt to remove asphalt immediately. Cover with Vaseline. Remove when asphalt has softened. Inhalation: remove patient to an area that has fresh air. If breathing has stopped administer artificial respiration.

NOTES TO PHYSICIANS OR FIRST AID

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PROVIDERS:

SECTION 5: FIRE-FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water spray, CO2, dry chemical or foam.
HAZARDOUS COMBUSTION PRODUCTS:
RECOMMENDED FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and full protective clothing recommended.
UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Long sleeve shirt and long trousers. Solid work shoes.
OTHER PRECAUTIONS: N/A.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Pick up pieces and dispose properly. Vacuum dust. Use a dust suppressant if sweeping is necessary.
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: When heated small amounts of Hydrogen Sulfide may be given off. Hydrogen Sulfide is flammable, toxic gas and breathing fumes must be avoided.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A
VENTILATION: Use sufficient ventilation.
RESPIRATORY PROTECTION: N/A.
EYE PROTECTION: Safety glasses with shields.
SKIN PROTECTION:
OTHER PROTECTIVE EQUIPMENT: Wash hands after application.
EXPOSURE GUIDELINES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Thin black sheet in roll form, granule, talc, fillers, sand, film surfaced or white acrylic coated. Slight asphaltic odor.		
FLASH POINT:	>500F	LOWER EXPOSURE LIMIT:	N/A
METHOD USED:	COC	UPPER EXPLOSIVE LIMIT:	N/A
EVAPORATION RATE:	N/A	BOILING POINT:	N/A
Ph (undiluted product):	N/A	MELTING POINT:	N/A
SOLUBILITY IN WATER:	No	SPECIFIC GRAVITY:	N/A
VAPOR DENSITY:	N/A	PERCENT VOLATILE:	N/A
VAPOR PRESSURE:	N/A	MOLECULAR WEIGHT:	N/A
VOC WITH WATER (LBS/GAL):	N/A	WITHOUT WATER (LBS/GAL):	N/A

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: STABLE UNSTABLE
CONDITIONS TO AVOID (STABILITY): N/A
INCOMPATIBILITY (MATERIAL TO AVOID):
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO, CO2, acrolein, acids, ketones, aldehydes, hydrogen sulfide

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HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Hydrogen Sulfide is flammable, toxic gas and breathing fumes must be avoided.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not listed

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose according to local, state and federal regulations.
RCRA HAZARD CLASS:

SECTION 14: TRANSPORT INFORMATION

U.S. DOT Transportation

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
TSCA:
CERCLA:
SARA:
311/312 HAZARD CATEGORIES:
313 REPORTABLE INGREDIENTS:

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:
DATE OF PREVIOUS MSDS:
CHANGES SINCE PREVIOUS MSDS:

This information relates to the specific material designated and may not be valid for such material used on 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.