



American National Rubber

PO Box 878 ** Ceredo, West Virginia 25507 ** Telephone: 1-800-624-3410 ** Fax: 304-453-2347

DATA SHEET

NEOPRENE/EPDM/SBR

(Self-Extinguishing) Economy Blend

4216-SE

Color:		Black
Specifications:	ASTM D-1056-00	2A2
	ASTM D-1056-67 ⁽¹⁾	SCE 42
	SAE J18-02	2A2
	GM 6086M ⁽³⁾	II
	GMN11106 ⁽³⁾	II
25% Compression Deflection (PSI)		5 - 9
Shore 00 Durometer (Approximate)		40 - 60
Density (Approximate p.c.f.)		5 - 7
Water Absorption By Weight		5%
Temperature Range		-40 to 158 F
Weather Resistance:	UV	Fair
	Ozone	Good
Accelerated Linear Shrinkage (Typical)		5%
Tensile Strength (Typical)		50 PSI
Elongation (Typical)		150%
Flammability:	FM VSS No. 302	Pass
	UL 94 HBF	Pass (UL Listed)
	UL 94 HF1	Pass (UL Listed)

(1)Obsolete specification listed for reference only. ANR certifies to most recent revision of ASTM D-1056 and SAE J18.

(3)Certain sections of this specification will not apply to all products. Contact Customer Service for details.

American National Rubber disclaims responsibility for results of use of this information, which is furnished without charge, or of any product mentioned herein. It is the user's responsibility to make and be guided by his own testing before making a final decision on the type of material to be used in any application.

ISO 9001-2000 Certified Company

06/06

UL Ratings:

- **UL94HBF** A material classified 94HBF shall: a. Not have any specimens with a burning rate exceeding 1.5 inch (38.1mm) per minute over a 4.0 inch (101.6mm) span or b. Have each specimen cease to burn before the flaming or glowing reaches the 5.0 inch (127 mm).
- • **UL94HF-1** A material classified 94HF-1 shall: a. Not have more than one specimen out of each set of five specimens continue to flame for more than 2 seconds after the test flame is removed. However, this one specimen shall not flame for more than 10 seconds. b. Not have any test specimens affected for a distance greater than 2.25 inches (57.2mm) from the end exposed to the test flame. c. Not have any of the specimens drip flaming particles which ignite dry absorbent surgical cotton placed 12 inches (305mm) below the specimen.
- **UL94V-O** A material classed 94V-O shall: a. Not have any specimens that burn with flaming combustion for more than 10 seconds after either application of the test flame. b. Not have a total flaming combustion time exceeding 50 seconds for the 10 flame applications for each set of five specimens. c. Not have any specimens that burn with flaming or glowing combustion up to the holding clamp. d. Not have any specimens that drip flaming particles that ignite the dry absorbent surgical cotton located 12 inches (305mm) below the test specimen. e. Not have any specimens with glowing combustion that persists for more than 30 seconds after the second removal of the test flame.



The Industry Leader in Closed Cell Sponge Manufacturing

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MATERIAL SAFETY DATA SHEET

AMERICAN NATIONAL RUBBER COMPANY

P. O. BOX 878 CEREDO WV 25507

Product Name: Synthetic Closed Cell Sponge Rubber

Date Prepared: 1-02-98

Date Reviewed: 1-09-04 Page 1 of 4

SECTION I: PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

Product Name: 4111-N, 4131-N, 4211-N, 4231-N, 4311-N, 4311-NB, 4331-N, 4411-N, 4511-N, 4116-S, 4216-S, 4116-SE, 4216-SE, 4116-LD, 4116-LDB, 4216-LD, 4218-LD, 4014-E, 4014-EB, 4114-E, 4114-EB, 4015-E, 4015-EB, 4115-E, 4115-EB, 4135-E, 4215-EU, 4215-EB, 4235-E, 4315-E, 4335-E, 4335-EC, 4119-N, 4219-NEU, 4319-N, 4117-A, 4217-A, 4117-VI, 4215-C

Chemical Name: Synthetic Closed Cell Sponge Rubber

Chemical Family: Elastomeric Sponge

Product Description: Chemically Expanded Polymers

Emergency Telephone Number: 304-453-1311

SECTION II: HAZARDOUS INGREDIENT INFORMATION

Chemical Name: CAS Number: Approximate %

Zinc Compounds NA <3.6%

The composition of this mixture may be considered proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

SECTION III: HEALTH INFORMATION & PROTECTION

Nature of Hazard

Eye Contact: Particulates may cause eye irritation.

Skin Contact: No hazard expected in normal industrial use.

Inhalation: No hazard expected at ambient temperature.

Ingestion: Not expected in normal industrial use.

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SECTION III: HEALTH INFORMATION & PROTECTION (CONTINUED)

First Aid

Eye Contact: Flush with water for 5 minutes.

Contact a physician if irritation persists.

Skin Contact: Wash with soap and water.

Inhalation: Not applicable.

Ingestion: Contact a physician.

Precautions

Ventilation: General exhaust recommended.

Personal Protection: Safety goggles and an OSHA approved particulate respirator are recommended for cutting, grinding and sawing operations.

Other Precautions: Practice good industrial hygiene.

SECTION IV: FIRE & EXPLOSION DATA

Flash Point: 415 Degrees F (Approximate)

Extinguishing Media: Water Fog, ABC Dry Chemical

Special Firefighting Procedures: This material will burn in case of fire. Wear self-contained breathing apparatus to prevent inhalation of toxic combustion gases.

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SECTION V: TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity: .048 - .449 Vapor Pressure: Negligible

Solubility in H₂O: Insoluble Evaporation Rate: NA

Freezing / Melting Point: NA Vapor Density: NA

Boiling Point: NA

SECTION VI: REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur

Incompatibility / Materials to avoid: None known

Conditions to Avoid: Do not use or store near flame.

Hazardous Decomposition Products: If burned: Smoke, soot and toxic fumes, including carbon monoxide and carbon dioxide.

SECTION VII: SPILL & LEAK PROCEDURES

Spill Procedure: Apply normal clean-up procedures and store for re-use or disposal.

Waste Disposal: Dispose of in accordance with all Federal, State and Local regulations. Contact local environmental authorities for approved disposal of this material.

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SECTION VIII: STORAGE AND HANDLING

Storage Temperature: Ambient

Storage / Transport Pressure: Atmospheric

Special Precautions for Handling And Storage: None

SECTION IX: REGULATORY INFORMATION

Section 313 Supplier Notification:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372)

CAS # Chemical Name Percent by Weight

NA Zinc Compounds <3.6 %

This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE:

The information contained herein is believed to be complete and accurate. However, it is the user's responsibility to determine the suitability of the information for his or her particular purpose. American National Rubber Company assumes no additional liability or responsibility resulting from the use of, or reliance on, this information.

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