SAFETY DATA SHEET

with reference to OSHA Hazard Communication Standard (HCS)
published in Federal Register 77 FR 17574 - March 2012

Armacell Products

revised 01/02/2014, replaces version 07/17/2013

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

PRODUCT NAME

Armacell Monarch® Cellular & Non-expanded Rubber Products, Sheets & Blocks

USE OF THE PRODUCT

This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200©, page 463.

"*Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees."

MANUFACTURER /DISTRIBUTOR

Armacell LLC
7600 Oakwood Street Extension
Mebane, NC 27302
Tel: +1-919-304-3846
www.armacell.com

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EMERGENCY INFORMATION

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2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION

Expanded, Closed-cell, Open or Semi open cell foams containing Polyvinyl Chloride/ Nitrile-Butadiene Rubber (PVC/NBR) or Nitrile-Butadiene Rubber (NBR) or Epichlorohydrin (ECH) or Hydrogenated Acrylonitrile (HNBR) or Hypalon or Neoprene (CR) or Ethylene-propylene-dienemethylene (EPDM) or Ethylene Vinyl Acetate / Polyethylene (EVA/PE) or Styrene-butadiene rubber (SBR) or blends of aforementioned compounds. Available in blocks & sheets in various dimensions. Custom non-expanded synthetic rubber (example: Cork) are also included in the scope of this document.

armacell engineered foams THE MAKERS OF Armaflex®

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4. FIRST-AID MEASURES

IN CASE OF INHALATION Not applicable

IN CASE OF SKIN CONTACT Not applicable

IN CASE OF EYE CONTACT Not applicable

IN CASE OF INGESTION Not applicable

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Unrestricted

SPECIAL EXPOSURE HAZARDS ARISING FROM THE PREPARATION Fire gases, do not breathe. Emits toxic fumes under fire conditions because of incomplete incineration. In the case of fire wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS Not applicable

ENVIRONMENTAL PRECAUTIONS Not applicable

METHODS FOR CLEANING UP / TAKING UP Take up mechanically.

7. HANDLING AND STORAGE

HINTS FOR SAFE HANDLING None

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION None

HINTS FOR SEPARATION OF IMCOMPATIBLE PRODUCTS None

FURTHER INFORMATION ON STORAGE CONDITIONS Can be stored in clean, dry rooms under normal conditions with respect to humidity (50 - 70 %) and surrounding temperature of 32 °F – 95 °F (0 °C - 35 °C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL HEALTH MEASURES Not applicable

RESPIRATORY PROTECTION	Not applicable
HAND PROTECTION	Not applicable
EYE PROTECTION	Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Sheets, Rolls and profiles (some brands also self-adhesive); some brands also self-adhesive strips or self-adhesive tapes
COLOR	Black, dark gray, natural, white and other colors
ODOR	Characteristic
MELTING POINT	Not applicable
BOILING POINT	Not applicable
LOWER EXPLOSION LIMIT	Not applicable
UPPER EXPLOSION LIMIT	Not applicable
DENSITY AT 73 °F (23 °C)	3 – 25 lb./ ft^3 (48 – 400 kg./ m^3)
WATER SOLUBILITY 73 °F (23 °C)	Insoluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Avoid open flames.
HAZARDOUS REACTION	No dangerous reactions known.
HAZARDOUS DECOMPOSITION PRODUCTS	No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

EXPERIENCE MADE IN PRACTICE	When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge.

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12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION

The product is classified non-hazardous to waters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL PRODUCT

Dispose waste according to applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

No hazardous material as defined by the transport regulations (ADR/RID, IMDG-Code, ICAO-TI/IATA-DGR).

15. REGULATORY INFORMATION

This product does not require labelling in terms of REACH regulation **(EC) 1907/2006**

16. OTHER INFORMATION

The data in this safety data sheet describe the safety requirements of our product based on our current level of knowledge and may not be considered to guarantee any product properties and it is sufficient for **United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS) standard.** However, we have no knowledge of or control over the working conditions. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.