

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

Armacell Products Status: 01/11/2016

revised 01/11/2016, replaces version 01/02/2014

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

PRODUCT NAME Armacell Ensolite®, ArmaSport® Products Rolls, Sheets and EnsoLine®

**Profiles** 

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

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hazard or health risk to employees."

MANUFACTURER / DISTRIBUTOR Armacell LLC

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EMERGENCY INFORMATION Armacell LLC

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# 2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### DESCRIPTION

Expanded, Closed-cell or Semi open cell foams containing Polyvinyl Chloride/ Nitrile-Butadiene Rubber (PVC/NBR) or Nitrile-Butadiene Rubber (NBR) or Neoprene (CR) or Ethylene-propylene-dienemethylene (EPDM) or blends of aforementioned compounds. Available in rolls, sheets and profiles at various dimensions. EnsoLine® profiles include extruded foams that consist of one or more compounds from the following list:

- Styrene-butadiene rubber (SBR),
- Ethylene-propylene-dienemethylene (EPDM),
- Neoprene (CR),
- Nitrile-butadiene rubber (NBR)
- Epichlorohydrin (ECH)



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4. FIRST-AID MEASURES

Not applicable IN CASE OF INHALATION

Not applicable IN CASE OF SKIN CONTACT

IN CASE OF EYE CONTACT Not applicable

IN CASE OF INGESTION Not applicable

5. FIRE-FIGHTING MEASURES

Unrestricted SUITABLE EXTINGUISHING MEDIA

**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

Not applicable **ENVIRONMENTAL PRECAUTIONS** 

METHODS FOR CLEANING UP /

**TAKING UP** 

Take up mechanically.

7. **HANDLING AND STORAGE** 

None HINTS FOR SAFE HANDLING

HINTS FOR PROTECTION AGAINST

FIRE AND EXPLOSION

None

HINTS FOR SEPARATION OF

**IMCOMPATIBLE PRODUCTS** 

**FURTHER INFORMATION ON** 

STORAGE CONDITIONS

None

Can be stored in clean, dry rooms under normal conditions with respect to humidity (50 - 70 %) and surrounding temperature of 32 °F – 95 °F  $\dot{}$  (0 °C - 35 °C).

**EXPOSURE CONTROLS / PERSONAL PROTECTION** 

Not applicable **GENERAL HEALTH MEASURES** 

RESPIRATORY PROTECTION Not applicable



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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

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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)**  $2.5 - 26 \text{ lb./ ft}^3 (40 - 416 \text{ kg./ m}^3)$ 

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.

# 12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL

INFORMATION

The product is classified non-hazardous to waters.



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# 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.