

SAFETY DATA SHEET

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

Armacell Products

revised 11FEB19, replaces version 19AUG18

STATUS: 11FEB19

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

PRODUCT NAME ArmaSound MTD, 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 hazard or health risk to employees."

MANUFACTURER /DISTRIBUTOR Armacell LLC
55 Vilcom Center Drive - Suite 200
Chapel Hill, NC 27514
Phone: (919) 913-0555
www.armacell.us

Technical contact point:
Isabel Wright
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Tel: 440-668-0253
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EMERGENCY INFORMATION Armacell LLC
7600 Oakwood Street Extension
Mebane, NC 27302
Tel: +1-919-304-3846
www.armacell.com

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:

- Ethylene-propylene-dienemethylene (EPDM),
- Neoprene (CR),
- Nitrile-butadiene rubber (NBR)

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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 INCOMPATIBLE 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

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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 self-adhesive strips or self-adhesive tapes

COLOR Black, dark gray, 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 lb./ ft³ (40 - 416 kg./ m³)

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.

1. Product Identification

. **Acrylic film alone or possible in combination with several types of carrier (scrim, fabrics, Foils) and release liner**

. **Ident # Universal**

. **Manufacturer:**

3F GmbH
Bonding- and Laminating Systems
Daimlerstr. 4-8
73655 Pluederhausen, **Germany**

. **US Contact for information or emergencies Call Chemtrec**

USA: 800-262-8200
International: +1-703-741-5500

2. COMPOSITION/ Information on INGREDIENTS

. **Common Chemical Name**
Adhesive polyacrylic

. **Hazardous Ingredients: None**

<u>CAS-Nr.</u>	<u>%</u>
N/A	

3. Hazards Identification

No special precautions

4. First Aid

. **Skin Contact: Non Hazardous**
. **Eye Contact: Non Hazardous**
. **Ingestion: Non Hazardous**

5. Fire Fighting Measures

. **Water fog, water, foam, CO₂ or dry media**

. Ident # Universal

6. Accidental Release Measure

. Spill or Leak Procedures: Put into suitable container for disposal as none hazardous waste

. Neutralizing Chemicals: None required

. Special Precautions: None

7. Handling and Storage

. Storage: normal room temperature with 50% rel. Humidity

8. Exposure Controls / Personal Protection

. Personal Protective Equipment

Eye: Glasses

Skin: Protect Skin by wearing long shirts and pants

Respiratory Protection: None

. Ident # Universal

9 . Physical Chemical Properties

- . Form: solid
 - . Color: white/ clear
 - . Odor: typically acrylic

 - . Boiling point: N/A
 - . Vapor Pressure: N/A
 - . Evaporation Rate (Butyl acetate = 1): N/A
 - . Melting Point: N/A

 - . Solubility in Water: Negligible

 - . Organic Solvents: None
-

10. Stability and Reactivity

. General: Stable

Conditions contributing to:
Hazardous Polymerisation None

Hazardous Decomposition : In case of fire carbon monoxide, carbon dioxide and
Products Hydro carbon fractions may be released

. Ident # Universal

11. Toxicological Information

. Not Toxic

12. Ecological Information

. This material is not toxic to humans, animals, plants or fish

13. Disposal Considerations

This product is not classified as a hazardous waste.
Use normal waste disposal procedures which are in compliance with federal, state,
And local regulations

14. Transportation Information

<u>DOT:</u>	Not restricted
<u>Air IDAO/IATA:</u>	Not restricted
<u>Sea Transport / Inland waterways:</u>	Not restricted
<u>UN Number:</u>	None

15. Regulatory Information

. CPSC :	None
. USDA :	None
. California's Preposition 65 :	None

. Ident # Universal

16. Other Information

The information contained in this Safety Data Sheet is believed to be reliable. No guarantee is implied or expressed regarding the accuracy of this information or the use of the product since the conditions for the use are beyond our control. Nothing contained herein should be construed as a recommendation to use this product in conflict with Federal or State regulations or existing patents covering any material or its use.

Plüderhausen, 17.03.2017