

**SAFETY DATA SHEET**

AP ArmaFlex<sup>®</sup> SA, AP ArmaFlex<sup>®</sup> FS SA, AP ArmaFlex<sup>®</sup> SA Duct Liner, AP ArmaFlex<sup>®</sup> FS SA Duct Liner, AP ArmaFlex Black Lap Seal, AP ArmaFlex White White Lap Seal

REVISION: 08/20/2019

REPLACES: 09/21/2018

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

<b>APPLICABLE PRODUCT NAMES</b>	AP ArmaFlex <sup>®</sup> SA, AP ArmaFlex <sup>®</sup> FS SA, AP ArmaFlex <sup>®</sup> SA Duct Liner, AP ArmaFlex <sup>®</sup> FS SA Duct Liner, AP ArmaFlex Black Lap Seal, AP ArmaFlex White Lap Seal
<b>DESCRIPTION</b>	Flexible Elastomeric Insulation
<b>MANUFACTURER /DISTRIBUTOR</b>	Armacell LLC 7600 Oakwood Street Extension Mebane, NC 27302 Tel: +1-919-304-3846 <a href="http://www.armacell.us">http://www.armacell.us</a>  <b>Technical contact point:</b> Kartik A. Patel Technical Services Manager – Advanced Insulation Tel: +1-919-304-8907 Kartik.a.patel@armacell.com
<b>EMERGENCY INFORMATION</b>	Armacell LLC 7600 Oakwood Street Extension Mebane, NC 27302 Tel: +1-919-304-3846 <a href="http://www.armacell.us">http://www.armacell.us</a>

**2. HAZARDS IDENTIFICATION**

<b>HAZARD DESIGNATION</b>	This product is considered an article according to 29 CFR 1910.1200 by which it is categorized as a "Non Hazardous Chemical." As such, it is exempt from the requirements of the OSHA Hazard Communication Standard (HCS) and this SDS is offered only as a service.  No hazard symbols, signal words, or statements are required according to the OSHA HCS 29 CFR 1910.1200 and the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS)
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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Concentration</b>
Acrylonitrile Butadiene Rubber (NBR)	9003-18-3	0 – 30%
Polyvinyl Chloride (PVC)	9002-86-2	0 – 30%
Ethylene Propylene Diene Monomer (EPDM)	25038-36-2	0 – 30%
Other proprietary additives	N/A	25 – 75%
Acetaldehyde	75-07-0	<0.1%
Methanol	67-56-1	<0.1%

**4. FIRST-AID MEASURES**

<b>IN CASE OF INHALATION</b>	Not applicable
<b>IN CASE OF SKIN CONTACT</b>	Not applicable

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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

HAND PROTECTION Not applicable

EYE PROTECTION Not applicable

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Tubes, Sheets, Rolls with pre applied adhesive
COLOR	Black and White
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 – 6 lb/ft <sup>3</sup> (48 – 96 kg/m <sup>3</sup> )
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.
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**13. DISPOSAL CONSIDERATIONS**

DISPOSAL PRODUCT	Dispose waste according to applicable local, state and federal regulations.
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**14. TRANSPORT INFORMATION**

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

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**15. REGULATORY INFORMATION**

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

**California Proposition 65**

Chemical Name	CA Proposition 65
Acetaldehyde	Cancer
Methanol	Birth Defects or other reproductive harm

**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.