SAFETY DATA SHEET

with reference to OSHA Hazard Communication Standard (HCS 29 CFR 1910.1200)

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Armacell Products

revised 30JUN21, replaces version 28AUG19

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

PRODUCT NAME

FillPro™ Standard Backer Rod (formerly ITP Standard)

FillPro™ Soft Type Backer Rod (formerly ITP Soft Type)

FillPro™ Hot Rod XL Backer Rod (formerly ITP Hot Rod XL)

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.”

Recommended uses include: packaging, cushioning, sound dampening, insulation, sealing, floatation etc.

MANUFACTURER /DISTRIBUTOR

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2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

Polyethylene extruded foam products are classified by osha as "nonhazardous".

Polyethylene foam products are made from polyethylene resin, additives and isobutene.

Isobutane, a flammable hydrocarbon, is used as a blowing agent. Small traces of this gas may be present in the product. This gas may accumulate at hazardous concentrations above the lower flammable limits (lfl) if large quantities of this product are stored in unventilated areas.

Routes of Exposure:

Swallowing:	Choking / Mechanical Blockage
Skin Absorption:	Unlikely
Inhalation:	Foam dust may cause irritation to nose, throat or lungs
Skin Contact:	Not irritating to skin contact
Eye Contact:	Eye injury or irritation possible from dust
Other Effects:	Not known

3. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION

Expanded, closed-cell, cross-linked polyethylene and copolymers of polyethylene foam. Available in rolls, sheets and buns/blocks in various thicknesses and dimensions.

Compound	Percentage	CAS No.
Polyethylene (PE)	75 - 100	9002-88-4
Ethylene Vinyl Acetate (EVA)	0 / trace	24937-78-8
Carbon Black	0.5 - 5	1333-86-4

4. FIRST-AID MEASURES

IN CASE OF INHALATION

Move to fresh air. Seek medical attention if breathing problems persist.

IN CASE OF SKIN CONTACT

Wash with soap and water.

IN CASE OF EYE CONTACT

Flush eyes with clean lukewarm water. Consult with a physician.

IN CASE OF INGESTION

Consult with a physician.

5. FIRE-FIGHTING MEASURES

1. Polyethylene foam is combustible and should not be exposed to sparks or open flame. Results in class A fire.
2. Fire to be extinguished by using water fog or fine spray. Soak the product with water to cool and smother.
3. Fire will cause dense smoke. Use self-contained breathing apparatus and full protective clothing.
4. Fire will result in intense heat and smoldering. Extinguishment is by cooling with water.
5. Other fire extinguishers (dry chemical, foam or CO_2 extinguishers) may be used for extinguishment.
6. Chemical/gaseous hazards like CO, CO_2 and carbon may be produced from the smoldering substances and fire.

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 (32 °F - 95 °F) PE foam should be stored in cool, dry and well ventilated locations. Isobutane gas may accumulate around the product. PE foam is incompatible with strong oxidizing agents like, CL_2, H_2O_2, KNO_3, and H_2SO_4.

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

PHYSICAL STATE	Solid
APPEARANCE	Closed cell foam
COLOR	Black, grey, blue, brown, green, yellow, silver, orange, red, natural, and various other colors.

ODOR	Characteristic
MELTING POINT	+ 212°F
SPECIFIC GRAVITY	0.01 - 0.15
DENSITY	0.5 - 30 lb./ft^3
BOILING POINT	not applicable
LOWER EXPLOSION LIMIT	not applicable
UPPER EXPLOSION LIMIT	not applicable
DENSITY AT 20 °C	1.5 - 30 lb / ft³
WATER SOLUBILITY (20 °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. PE foam has no carcinogenic substances. It is not listed in: IARC & NTP.

12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION	The product is classified non-hazardous to waters. PE foam does not exhibit any significant biodegradation.

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).

PE foam has some residual isobutane and hence to be transported in ventilated trailers.

15. REGULATORY INFORMATION

REACH

Excluding the additional restrictions placed on products intended for use in child toy or child care applications, no chemicals or substances listed in REACH (EC No. 1907/2006), including Annex XIV, Annex XVII, and the SVHC list, are intentionally utilized with the intent of substance release under normal end use applications in the formulation process of the Armacell (OleTex®), (EvaLite®) & (OleCell®) product lines.

Child Toy or Child Care Applications: Annex XVII includes additional entries with specific substance restrictions on materials intended for use in children articles.

ROHS

Armacell (OleTex®), (EvaLite®) & (OleCell®) brand products contain no more than the allowed amounts (either less than 100 or 1000 ppm depending on substance) of the listed hazardous substances.

ADDITIONAL INFORMATION

PE foam has no carcinogenic substances and is classified as nonhazardous under the federal osha standards.

For additional regulatory information, contact a Component Foam Division Technical Manager.

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 determinationiz regarding the adequacy of the safety procedures employed during the use of this product.