

1. Identification

Product Identifier: **Backer Rod**

Manufacturer:

Hohmann & Barnard, Inc.
30 Rasons Court
Hauppauge, NY 11788
(631) 234-0600
www.h-b.com

Telephone Numbers

During normal business hours call: (800) 645-0616
24-hour emergency call Chemtrec: (800) 255-3924

Recommended use: Various alloy steel wire rod products for masonry constructions.

Recommended restrictions: None known.

2. Hazards Identification

Trace amounts of residual blowing agent may be present in the foam.

Inhalation: Mechanical and thermal processes may produce dust.

Tightly sealed containers may burst under fire or intense heat.

3. Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage by wt.
Polyethylene	CAS # 009002-8804	85-95%
Other proprietary additives	5-15%	

Hazardous Ingredients: Encapsulated residual blowing agent – Isobutane. CAS: 75-28-5

Appearance: Soft Round Foam

4. First-Aid Measures

Swallowing: N/A

Skin Contact: N/A

Inhalation: Remove Blockage

Eye Contact: Consult Physician.

5. Fire-fighting measures

Extinguishing Media: Water, carbon dioxide (CO2) and dry chemical.

Fire and Explosion Hazards: Trace amounts of residual blowing agent may be present in the foam. Mechanical and thermal processes may produce dust and flammable vapors, which may be potential explosion hazards. Tightly sealed containers may burst under fire or intense heat.

Special Fire Fighting Procedures: Firefighters should be equipped with positive pressure self-contained breathing apparatus in enclosed areas.

6. Accidental release measures

Handle as general inert material, avoid open flame, smoking and any source of ignition.

7. Handling and storage

Max 160°F (71oC)

Precautions to be taken in Handling, Storage and Transportation

WARNING: This polyethylene foam is made with a flammable hydrocarbon blowing agent, most of which is removed prior to shipment. However, residual flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and sources of ignition near the foam (ie: smoking, sparks, flames.) Do not store near heating equipment. Heating equipment should be inspected regularly during every heating season to check for pinholes or larger defects in the combustion chamber. Burns readily when exposed to plentiful and hot ignition sources.

Use self-contained breathing apparatus in the event of fire.

WARNING: Fabricating operations which cut large numbers of interior foam cells can release localized amounts of flammable, residual blowing agent. Provide adequate ventilation to avoid the build up of blowing agent concentration.

WARNING: Transport large quantities of this polyethylene foam in ventilated vehicles, Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.

8. Exposure controls/personal protection

Engineering Controls: Fabricating operations which cut large numbers of interior foam cells can release localized amounts of flammable, residual blowing agent. Provide adequate ventilation to avoid the build up of blowing agent concentration.

Eye Protection: Wear safety goggles if there is a potential for exposure to flying particles.

Skin Protection: Gloves when being heated

Respiratory Protection: Cloth mask if fabricating (dust)

9. Physical and chemical properties

Form: Solid Plastic foam

Boiling point: NA

Color: Grey

Vapor Pressure: NA

Vapor Density: (Air-1): NA

Bulk Density: 20-200 KG/m³

Molecular Weight: NA

%Volatile by Volume: Nil

Melting Point: 230°F (110°C)

Solubility in Water: Not Soluble

Flash Point:

Polyethylene: NA

Hydrocarbon Gas: -120°F (-84°C)*

Flammable limits (LEL): Polyethylene: NA

Hydrocarbon Gas: 1.8% by volume*

Flammable limits (UEL): Polyethylene: NA

Hydrocarbon Gas: 8.5% by volume*

*Encapsulated residual blowing agent present in the foam.

10. Stability and reactivity

Stability:

Stable

Polymerization:

Will not occur

Conditions to avoid:

Avoid flame, very high temperature.

Incompatible Materials:

Strong oxidants (long contact)

Hazardous Decomposition Products:

None

11. Toxicological information

No applicable or available data for this section

12. Ecological Information

This product is inert to the environment and is not expected to exhibit any significant biodegradation.

13. Disposal Considerations

Reuse, recycle, incinerate, or dispose in an approved landfill. Follow all regulatory requirements for disposal.

14. Transport information

DOT: Not regulated

WARNING: Transport large quantities of this polyethylene foam in ventilated vehicles, Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle. Plan the shipping so that the product would not be sitting in a trailer over extended periods of time

or over the weekend even if ventilated. Product may release flammable gases therefore make certain that vents are open. When arriving at destination immediately open the door so that the trailer will be well ventilated even if waiting for unloading. No smoking or open flame.

15. Regulatory Information

OSHA STATUS: Not Hazardous

RCRA Status: The product as supplied is not classified as a RCRA Hazardous waste.

NFPA Hazard Code: Health: 0
Flammability: 1
Reactivity: 0

16. Other information

Issue Date: May 31, 2015

Revision Date: May 31, 2015

Disclaimer: All information, recommendations, and suggestions appearing herein concerning this product are taken from sources or based upon data believed to be reliable. Although reasonable care has been taken in the preparation of this information, Hohmann & Barnard extends no warranties or guarantees, express or implied, makes no representations, and assumes no responsibility as to the accuracy, reliability or completeness of the information presented. Since the actual use of the product described herein is beyond our control, POSCO assumes no liability arising out of the use of the product by others. It is the user's responsibility to determine the suitability of the information presented herein, to assess the safety and toxicity of the product under their own conditions of use, and to comply with all applicable laws and regulations. Appropriate warnings and safe handling procedures should be provided to handlers and users.