



MATERIAL SAFETY DATA SHEET

PHIL-FOAM 408 (BACKER RODS – POLYETHYLENE FOAM)

CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

Product Name : **PHIL-FOAM 408**
Product Type : **Backer Rods – Polyethylene Foam**

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature : Low Density Polyethylene Resin (LDPE Resin), Talc Powder (Magnesium Oxide), Blowing Agent (Butane/ LPG Gas)
Ingredients : Wax (Chemical Powder)

| | Metal/ Elements | Result Limit |
|------------------------------|-----------------|--------------|
| Soluble Lead (Pb), mg/kg | <5 | 90 mg/kg |
| Soluble Antimony (Sb), mg/kg | <5 | 60 mg/kg |
| Soluble Arsenic (As), mg/kg | <5 | 25 mg/kg |
| Soluble Barium (Ba), mg/kg | <10 | 1000 mg/kg |
| Soluble Cadmium (Cd) mg/kg | <5 | 75 mg/kg |
| Soluble Chromium (Cr) mg/kg | <5 | 60 mg/kg |
| Soluble Mercury (Hg), mg/kg | <6.7 | 60 mg/kg |
| Soluble Selenium (Se), mg/kg | <10 | 500 mg/kg |

POSSIBLE HAZARDS

Advice on critical hazards to man and the environment : NONE

FIRST AID MEASURES

Inhalation : Move person to fresh air and well - ventilated area.
Skin contact : Remove and dispose contaminated clothing to prevent further skin contact.
Eye contact : Flush with plenty of water, get medical attention immediately.
Ingestion : If swallowed, get immediate medical attention. If the person is conscious, drink plenty of water.

FIRE FIGHTING MEASURES

Extinguishing Agent : Material is Flammable
Special Hazard : None
Sensitivity to static charge : None

HANDLING AND STORAGE

Prevent inhalation of dust and contact with skin and eyes. Clean hands thoroughly after handling. Precautions also apply to emptied containers. Personal protective equipment must be worn. Store in sealed containers in a cool, dry, ventilated warehouse location. Shelf Life of 12 months from the date of production.

ACCIDENTAL RELEASE MEASURES

PHIL-FOAM 408 is non-hazardous, non special pre cautions are necessary

Gochan Compound, Brgy. Mabolo Cebu City
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Telfax: (032) 256 4326 (PLDT) / (032) 328 7100 (GLOBE)
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PHYSICAL AND CHEMICAL PROPERTIES:

Form :
Color : White

| ITEM | UNIT | RESULTS |
|---------------------------|---|----------------------|
| Density | g/cm ³ / PCF | 0.03-.05/ 1.83-3.00 |
| Tensile Strength | Kgf/cm ² /N/cm ²) | 2.6(26) –4.1 (41) |
| Elongation | % | 75-84% |
| Tearing Strength | Kgf/cm (N/cm) | 2.0(19) – 3.1(30) |
| Compression Strength | Kgf/cm ² /(N/cm ²) | 0.058(0.57)-0.81(81) |
| Permanent Compression Set | % | 7.7 |
| Service Temperature | C | Min -210 ; Max 90 |
| Thermal Conductivity, K | Kcal/m.hrC | 0.022-0.034 |
| Water Absorption | Mg/cm ² | 0.02 |
| Buring Rate | In/min | <1-5(UL94HB) |

STABILITY AND REACTIVITY

Thermal decomposition : No decomposition if used correctly.
Hazardous reactions : No decomposition if used correctly.

TOXICOLOGICAL INFORMATION

In our experienced and according to information available to us the product in not harmful to health provided it is correctly handled and processed according to the given recommendations.

ECOLOGICAL INFORMATION / DISPOSAL CONSIDERATIONS

PHIL-FOAM 408 is non-hazardous, non special pre cautions are necessary

TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

REGULATORY INFORMATION

N. A.

OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

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