

**MATERIAL SAFETY DATA SHEET**

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MATERIAL NAME: PLASTIFOAM

MSDS # PF-1

EXTRUDED POLYETHYLENE FOAM

ISSUE: 9/05/2008

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ABRIFOAM

USE: Packaging / Thermal insulation

COMPANY IDENTIFICATION ABRISO NV
Gijzelbrechtegemstraat 8-10
B - 8570 ANZEGEM**SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS**

COMPONENT	CAS #
Polyethylene (PE-LD)	9002-88-4
Blowing agent: Isobutane	75-28-5
Glycolmonostearate	031 566-31-1
Talcum	14807-96-6

SECTION 3 HAZARDS IDENTIFICATION

APPEARANCE: Solid plastic foam, white or coloured

ODOR: None

POTENTIAL HEALTH EFFECTS:INHALATION: Dust may cause irritation to upper respiratory tract and lungs.
Fumes and vapours generated during thermal operations (hot wire cutting, lamination...) may cause respiratory irritations.

SKIN CONTACT: Dust may cause skin irritation.

EYE CONTACT: Small particles or dust may cause eye irritation

INGESTION: May be harmful if swallowed. Call a physician

SECTION 4 FIRST AID MEASURES

INHALATION: Remove the person to fresh air. If effects occur, call a physician.

SKIN CONTACT:

Wash skin with plenty of water

EYE CONTACT:

Immediately flush eyes with plenty of water during at least 15 minutes. If irritation persist, consult a physician

INGESTION:

Consult a physician. Do not give laxatives and don't induce vomiting

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: Polyethylene: NA
Isobutane: -84 °C

LEL Polyethylene: NA
Isobutane: 1,8% by volume

UEL Polyethylene: NA
Isobutane: 8,5% by volume

IGNITION TEMP FOR POLYETHYLENE (OUTGASSED). 350 °C

EXTINGUISHING MEDIA: Water, carbon dioxide.

FIRE AND EXPLOSION HAZARDS:

Residual amounts of blowing agent may be present in the foam. Mechanical processes such as grinding, sawing...may produce dust which may be potential explosion hazards. Tightly sealed containers or packaged products may burst under fire or intense heat. Electrostatic charges may induce fire. This charges can also be generated by mechanical action (handling)

FIRE FIGHTING INSTRUCTIONS:

Keep people away. Isolate fire perimeter.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:

Wear positive-pressure, self containing breathing apparatus and protective fire fighting clothes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Handle as a general inert material

ENVIRONMENTAL PROTECTION: The product is not biodegradable

SECTION 7 HANDLING AND STORAGE

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MAX. STORAGE TEMP: 70 °C

During transport and storage, trace quantities of gas which is used to blow the foam may be released. In order to prevent built-up of combustible vapour do not storage large quantities in unventilated spaces.

Transport has to take place in ventilated trucks and containers. In order to prevent the potential of fire and explosion, do not apply intense heat, avoid open fire, smoking and built-up of static electricity.
Do not expose the material in direct sunlight.

Converting or fabrication operations can release certain amounts of flammable blowing agent. Provide adequate ventilation.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

In dusty atmosphere and where fumes are generated, wear appropriate respirator protection.

Use goggles or safety glasses when exposed to dust

Use appropriate ventilation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White or coloured solid plastic sheet

ODOR: Odorless

MELTING POINT: 110 °C

IGNITION TEMP.: 350 °C (approx. For outgassed product)

DENSITY: 18 - 45 kg/m³

SOLUBILITY (H₂O): Not soluble

SECTION 10 STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: None at room temperature

DANGEROUS REACTIONS: No dangerous reactions are known

CHEMICAL STABILITY: The material is sensible when exposed at temperatures above 70 °C and UV radiation

CONDITIONS TO AVOID: Very high temperatures, flame, strong oxidants

SECTION 11 TOXICOLOGICAL INFORMATION

IRRITANT EFFECT: None

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION: The product is not biodegradable

SECTION	13	DISPOSAL CONSIDERATONS	PAGE:	4
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The product is classified as urban waste.
Recycle, reuse, or dispose according the local regulations.

SECTION 14 TRANSPORT INFORMATION

The product is not classified as hazardous for land, maritime and air transport.
Transport large quantities of the product in well ventilated vehicles.
Avoid during transport and handling all possible sources which can cause ignition (fire, sparks.....). Do not smoke.

SECTION 15 REGULATORY INFORMATION

The product is not classified as hazardous

SECTION 16 OTHER INFORMATION

Supplementary information about the use of this product can be supplied by
ABRISO NV