

Material Safety Data Sheet

1. General Description

Product Name:

Trade name and Synonyms:

Chemical Family: Chemically Cross linked Polyethylene Foam

Formula: See Section 2

Supplier:

Emergency Tel:

Fax:

2. Composition / Ingredient Data

Substance (Abbreviation)	Substance (Chemical Name)	Cas#	%
LDPE	Polyethylene	9002-88-4	80
DCP	Dicumylperoxide	80-43-3	<1
ADCA residuals	Residuals of Azodicarbonamide		< 18
MB	Pigment		< 1

3. Hazard Identification

This product is not considered hazardous.

4. First Aids Measures

Ingestion: If there is any suspicion that the material has been ingested, seek immediate medical attention. If only a few granules have been swallowed, rinse the mouth with cold water. In this case there is no real danger.

Skin Contact: There is no risk and no need to work with gloves.

Eye Contact: Should any saw dust enter the eyes, the eyes must be rinsed with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist.

5. Fire Fighting Measures

Suitable extinguishing media: CO₂, H₂O, Foam, Dry Chemical Powder

During a fire it is advisable to cool the material with water. Material that was not ignited should, if possible, be removed from the vicinity of the fire to a safe area. Care must be taken not to stand underneath burning material, dripping of burning molten material may occur.

Smoke may contain toxic substances; it is therefore advisable to wear a mask. Even after the flames have been extinguished, the material should be cooled with water, in order to prevent a renewed outbreak of the fire due to self-ignition.

6. Accidental Release Measures

Personal Precautions: See Section 8

Environmental Precautions: None necessary

Methods for Cleaning Up: Can be cleaned by any acceptable method: Dust and fragments may be vacuumed, swept or blown away by use of air pressure.

7. Handling and Storage

Handling: No Restrictions

Storage: It is advisable to store in a ventilated warehouse on pallets raised off the ground.

8. Exposure Control / Personal Protection

Engineering measures to reduce exposure: If dust or vapor condition is above the recommended level, use local extraction apparatus (likely only in the case of a fire).

Personal Protection Equipment:

Respiratory Protection: Not necessary.

Hand Protection: Not necessary.

Eye Protection: Not necessary.

Skin and Body

Protection: There is no need for any protective measures.

Hygiene: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

9. Physical and Chemical Properties

State: Foam PE
Colour: Various
Odour: None
Density: 25-750kg/m³
Melting Point: N/A
Decomposition Temp: >300°C
Boiling Point: N/A
Vapour Pressure: N/A
Auto Ignition Temp: N/A
Flashpoint: N/A
Explosion Risk: N/A
Water Solubility: None

10. Stability and Reactivity

Stability: (x) Stable () Unstable
Conditions to avoid: Temperatures over 150°C
Hazardous Decomposition products: CO_x, Hydrocarbons, Trace Ammonia
Hazardous Polymerization: () may occur (x) will not occur

11. Toxicological Information

Skin: No toxicity
Eye: Dust may cause irritation
Ingestion: Uncomfortable if swallowed in large quantities
Inhalation: A high concentration of dust and fragments may cause Nausea

12. Ecological Information

Details for elimination: The waste can be buried at an appropriate site or burned in a furnace. The foam can also be ground down for the production of recycled foams.
Performance in Ecological Sub System: PE is regarded as biologically inert.
Ecotoxicity: none

13. Disposal Considerations:

Waste from residues/unused: Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of in accordance with local regulations.

14. Transportation Information:

ADR/RID-HI/UN No.: Not classified Class:

Proper shipping name:

IMDG-UN No.: None **Marine Pollutant:** No **Class:**

Proper shipping name:

MFAG: **MDG Page:** **EMS:**

ICAO: **UNI/ID No.:** **Class:**

Proper shipping name:

15. Regulatory Information

Classification according to European directive on classification of hazardous preparations 88/379/EEC

Symbols:

R-phrases:

S-phrases

16. Other Information

Recommended use: For Personal and Industrial use.

Further information contact name:

Department Telephone:

Department Fax: