



Palziv North America  
7966 NC 56 Hwy  
Louisburg, NC 27549  
919.497.0010



# Material Safety Data Sheet

## 1. General Description

Product Name: Cross Linked Foam  
Chemical Family: Chemical Cross Linked Polyethylene Foam  
Formula: See Section 2  
Supplier: Palziv North America  
7966 NC Hwy  
Louisburg, NC 27549

Emergency Tel: 919-497-0010  
Emergency Fax: 919-496-2523

## 2. Composition/Ingredients

Substance (Abbreviation)	Substance (Chemical Name)	Cas #	PHR
LDPE	Polyethylene	9002-88-4	100
DCP	Dicumyl Peroxide	80-43-3	< 1
ADCA	Azodicarbonamide	123-77-3	< 20
MB	Organic Pigment		< 3

## 3. Hazard Identification

**Hazard Classification:** This product is not considered hazardous.

## 4. First Aid Measures

**Ingestion:** If material has been ingested, seek medical advice.  
**Skin Contact:** There is no risk and no need to work with gloves.  
**Eye Contact:** Rinse eyes with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist.

## 5. Fire Fighting Measures

### **Suitable extinguishing media: CO<sub>2</sub>, H<sub>2</sub>O, 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. Accident Relief 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.

The rolls should be packed in perforated polyethylene sheeting for ventilation. The material must be stored outside, particularly in the rain or in the sun. Shrink wrap is not advisable.

## 8. Personal Protection

### **Engineering measures to reduce exposure:**

If dust or vapour condition is above the recommended level, use local extraction apparatus (likely only in the case of a fire).

### **Personal Protection Equipment:**

**Respiratory Protection:** When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth.

**Hand Protection:** There is no need for gloves.

**Eye Protection:** Protective goggles should be used when cleaning fragments with air pressure.

**Skin and Body Protection:** There is no need for any protective measures.

## 9. Physical and Chemical Properties

**State:** Foam PE

**Colour:** Various

**Odour:** None

**Density:** 25-200kg/m<sup>3</sup>

**Melting Point:** NA

**Decomposition Temp:** 400° C

**Boiling Point:** NA

**Vapour Pressure:** N/A

**Auto Ignition Temp:** N/A

**Flashpoint:** NA

**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:** Hydrocarbons, CO, Trace Ammonia

**Hazardous Polymerization:**

( ) May Occur

( X ) Will Not Occur

## 11. Toxicological Information

**Skin:**

No toxicity

**Eyes:**

Dust may cause irritation

**Ingestion:**

Uncomfortable if swallowed in large quantities.

**Inhalation:**

A high concentration of dust and fragments may cause nausea.

**Chronic Toxicity:**

ACGIH – A2 Vinyl Acetate is classified as a A3 by ACGIH. All of the above refers to additives before foaming. The concentrations in foamed materials are very low, rendering them much less hazardous.

## 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:**

**Ecotoxicity:**

Foam - None

## 13. Disposal Considerations

**Waste from Residues/Unused:** Dispose of in accordance with local regulations.

**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:

MFAG: MDG Page:

EMS:

ICAO: UNI/ID No.:

Class:

#### 15. Regulation 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 Industrial use only.

Recommended Restrictions:

Further Information Contact: Palziv North America

Safety Data Sheet Date: June 4, 2009

Department Telephone: 919-497-0010

Department Fax: 905-373-0295



The supplied information herein is presented in good faith and believed to be accurate to the best knowledge of the supplier and may be changed without notice and Palziv assumes no legal responsibility for use or reliance upon this data.