



July 2015

Safety data information

1. Description

Product Name:	GAxx, GAxxEV/EEV
Trade name	GalFoam
Chemical Family:	Chemically Cross-linked Polyethylene/EVA Foam
Supplier:	PALZIV – CROSS-LINKED FOAM SOLUTIONS Kibbutz Ein Hanatziv, MP Emek Bet Shean 1080500 ISRAEL
Emergency Tel:	972 4 6062 999
Fax:	972 4 6062 958

2. Composition

2.1. Product type - Chemically Cross-linked Polyethylene & EVA Foam

2.2 An Article is defined as an "object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition" (REACH art. 3 No. 3)

2.3 Palziv foams are articles, and therefore an MSDS is not required.
(REACH article 31)

2.4 Azodicarbonamide (ADCA), the foaming agent, is categorized within the REACH definitions, as a candidate SVHC. ADCA is a common foaming agent used in foam production. In the Palziv production process, the temperatures reached in the foaming ovens are higher than the decomposition temperature of ADCA and hence, it can be assumed that the foams contain less than 0.1 w% of ADCA trace contents. In the event that there are any ADCA traces, they are contained in the matrix and will not be released under standard circumstances.



Since currently there is no official analytical method for determination of ADCA contents in cross-linked polyethylene foams, the above can be considered valid unless an alternative method is officially defined by an official National Standards Authority or across Europe by ECHA or the EU authorities.

3. Handling & storage

3.1 **Handling** – No restrictions.

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

Avoid UV radiation.

Foam should be packed in perforated polyethylene sheets for ventilation.

The material must not be stored outside, particularly in the rain or in the sun.

Shrink wraps are not advisable.

3.3 Physical and chemical properties:

State: Foam PE	Color: Various	Odor: None
Density: 25- 200kg/m ³	Melting Point: N/A	Decomposition Temp: >300°C
Boiling Point: N/A	Vapor Pressure: N/A	Auto Ignition Temp: N/A
Flashpoint: N/A	Explosion Risk: N/A	Water Solubility: None



3.4 Stability and conditions

Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
Conditions to avoid:	Temperatures over 150 ⁰ C	
Hazardous Decomposition products:	CO _x , Hydrocarbons, Trace Ammonia	
Hazardous Polymerization:	<input type="checkbox"/> may occur	<input checked="" type="checkbox"/> will not occur

4. Hazard identification

There are no known hazardous decomposition compounds.

5. 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.

6. 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.

Hazardous gasses that may be generated:

Carbon dioxide, carbon monoxide, nitrogen monoxide, nitrogen dioxide.

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.

7. Accidental Release Measures

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.

8. Personal protection and exposure

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. Disposal

9.1 Ecological and recycling 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/ fed for the production of recycled foams.

Performance in Ecological Sub System:

PE is regarded as biologically inert.

9.2

**Waste from residues/unused:
Contaminated
Packaging:**

Dispose of in accordance with local regulations.

Dispose of in accordance with local regulations.

10. 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:

11. Regulations

Classification according to European directive on classification of hazardous preparations 91/155/EEC, and REACH regulation article 33 (Information Obligation by the supplier).