



1. Identification of Substance and manufacturer/supplier

Product details :

Commercial name : Artilon(Chemical cross-linked Polyolefin foam)

Manufacturer/Supplier YOUNGBO Chemical Co., Ltd.
236, Pokyong-dong, Yoosung-gu, Taejeon-city,
South Korea Telephone : 82-42-820-9231
Telefax : 82-42-820-9170

2. Composition/data about components.

Description: Polyolefin cross linked foam with additives

Components : Polyethylene(88~92%), pigment(less 1%)
blowing agent(less 2%), flame retardant(6~8%)
crosslinking agent(less 0.1%)

3. Hazard identification

Hazard designation Void

4. First aid measures

After skin contact After contact with the molten product, cool with cold water and consult a doctor.

5. Fire fighting measures.

Suitable extinguishing agents: CO₂, Water jet

Special hazards caused by the material, its products of combustion or resulting gases: Formation of toxic gases is possible during heating or in case of fire/Avoid to breathe the fumes.
Put on breathing apparatus

Protective equipment:

6. Accidental release measures.

Person-related safety precaution: Void

Measures for environmental protection: Void

Measure for cleaning/collecting: Void

7. Handling and storage.

Handling

Information for safe handling: Prevent formation of dust

Information about protection against explosions and fires : Keep breathing equipment ready

Storage

Requirements to be met by storerooms and containers: Keep away the flames

Further information about storage



conditions:	Storage preferably in cover places
8.Exposure controls and personal protection.	
Personal protective equipment General protective and hygienic measures:	Avoid skin contact with the molten material
9.Physical and chemical properties	
Form :	Solid in various forms
Color	According to product specification
Odour:	Light
Change in condition	VALUE/RANGE
Melting point:	PE foam: 90~115°C
Flash point:	Not applicable
Ignition temperature:	Not applicable
Density at 23°C:	According to product specification
Solubility in/miscibility with water:	Insoluble
10.Stability and reactivity.	
Stability :	Stable
Thermal decomposition/conditions to be avoided:	No decomposition
Dangerous products of decomposition:	The thermal decomposition can produce fumes with carbon monoxide
11.Toxicologic information.	
Acute toxicity:	
Primary irritant effect:	
On the skin:	No irradiation effect
Additional toxicological information:	When used and handled properly according to the standard conversion systems, the product dose not have any harmful effects according to our experience and the information provided to us.
12.Environmental protection	
Environmental hazard	Not applicable
13.Disposal considerations.	
Product Recommendation:	Not applicable



14. Transport information.

Land transport ADR/RID(cross-border):

ADR/RID-GGVS/E Class:

Substance Index Number:

Maritime transport IMDG:

Correct technical name:

Transport/Additional information:

No dangerous good according to international transport regulations.

15. Regulatory information.

KOREA:

Not applicable

16. Other information:

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