

Material Safety Data Sheet (MSDS)**Irradiated Crosslinked Fire-Retardant Polyethylene Foam****1 Identification of the Substance/Mixture and of Company/Undertaking****Product Identifier**

Product Name	Irradiated Crosslinked Fire-Retardant Polyethylene Foam
Product Code	
Other Name	FIXPE FOAM
Molecular Formula	(C ₂ H ₄) _n

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses	Buffer, sound insulation and shock absorbing material
Uses Advised Against	No information available

Details of the supplier of the safety data sheet

Supplier	Huzhou Meishuo New Material Co., Ltd.
Address	No. 2056, Ganshan Road, Wuxing Dist., Huzhou, Zhejiang. China. 313000
Telephone	+86-0572-2691806
Fax	+86-572-2692882
E-mail	quality@msfoam.com

2 Hazards Identification**Hazardous Classification of Substances or Mixtures**

	General article, the product is not classified and labelled.
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GHS Label Elements

Hazard pictogram(s)	Not Applicable
Signal word	Not Applicable

Hazard statement(s)

	Not Applicable
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Precautionary Statements

	Not Applicable
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◆ Physical and Chemical Hazards

	No information available
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◆ Health Harzard

Ingestion	Not Applicable
Inhalation	Not Applicable
Skin	No adverse reactions
Eyes	No adverse reactions

◆ Environment Harzard

	Please refer to MSDS Part 12
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3 Composition Information

Ingredient	Cas No.	Concentration (mass fraction, %)
PE	9002-88-4	75-90%
Azodicarbonamide	123-77-3	5-20%
DBDPE	84852-53-9	1-5%
Antimony oxide	1309-64-4	1-5%
Antioxidant	6683-19-8	1-2%
ZnO	1314-13-2	1-2%
ZnSt	557-05-1	1-3%

4 First Aid Measures

| Description of first aid measures

General information	In all cases of doubt, seek medical attention.
In case of eye contact	Normal it is not harmful for eyes.
In case of skin contact	Normal it is not harmful for skin.
If swallowed	Not Applicable
If inhaled	Not applicable. Normal it is not harmful for breath
Information for doctor:	Product label.

| Most important symptoms and effects, both acute and delayed

	No Information available
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| Indication of any immediate medical attention and special treatment needed

	No Information available
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5 Firefighting Measures

Extinguishing media

Suitable extinguishing agents	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing agents	No Information available

Special Hazards Arising from the Substance or Mixture

	No Information available
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Advice for firefighters

- 1 Fire-fighters should wear appropriate breathing apparatus and protective equipment.
- 2 Prevent fire-fighting water from entering surface water or groundwater. Remove the product from fire to open space as much as possible. Spray to cool the product until the end of fire.
- 3 If the product has discoloration or generate sound from the safety relief devices, must evacuate immediately.

Personal precautions, protective equipment and emergency procedures

	No Information available
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6 Accidental Release Measures

Environmental precautions

- 1 Not Applicable. The product can't be decomposed in nature so it can't hazard the animals, plants and aquatic organisms.

Methods and material for containment and cleaning up

- 1 Host: avoid high temperature place, the high temperature place will shrink;
- 2 Cleaning: burning

7 Handling and Storage

Handling

- 1 No. Don't need special protection., can be directly contact with human skin

Conditions for safe storage, including any incompatibilities

- 1 Normal temperature storage

8 Exposure Controls / Personal Protection

Control parameters

Occupational Exposure limit values	No Information available
Biological limit values	No Information available

| Appropriate engineering controls

1	Handle in accordance with good industrial hygiene and safety practice, Please refer to section 7.
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| Personal protection

Eye protection	No. Don't need special protection.
Hand protection	Not applicable. Can be directly operated.
Respiratory protection	No. Don't need special protection.
Body protection	No. Can be directly contact with materials
Environmental exposure controls	Not Applicable , The product can't be decomposed in nature so it can't hazard the animals, plants and aquatic organisms.

9 Physical and Chemical Properties

| Information on basic physical and chemical properties

Appearance	Solid
Odour	No odour
Color	As customer's requirement
Danger of explosion	No known significant effects or critical hazards
Relative density	No Information available
Solubility in/Miscibility with	No Information available
Flash point / range (°C)	No Information available
Additional information	No

10 Stability and Reactivity

Reactivity	Stable under recommended storage and handling conditions
Chemical stability	Stable under normal conditions of use, storage and transport.
Possibility of hazardous reactions	No known significant effects or critical hazards.
Conditions to avoid	No Information available
Incompatible materials	No Information available
Hazardous decomposition products	No Information available

11 Toxicological Information

XPE FOAM (Component)	
Skin corrosion/irritation	No adverse reactions.

Serious eye damage/irritation	No adverse reactions.
Respiratory or skin sensitization	Not Applicable
Ingestion damage/irritation	Not Applicable
Toxicokinetics, Metabolism and Distribution	Not Applicable
CMR effect (carcinogenic, mutagenicity and toxicity for reproduction)	Not Applicable

12 Ecological Information

| Aquatic Toxicity

Acute aquatic toxicity	No Information available
Chronic aquatic toxicity	No Information available

| Other Information

Persistence and degradability	No Information available
Bioaccumulative potential	No Information available
Mobility in soil	No Information available
Results of PBT and vPvB assessment	PBT: Not Applicable; vPvB: Not Applicable
Other adverse effects	No Information available

13 Disposal Considerations

| Waste treatment methods

Wasted Product	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.
Contaminated packaging	The packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.
Waste Precautions	It must be abolished according to official regulations

14 Transportation Information

	Adapt to sea and air transport, Packing intact. Loading should be safe. Avoid extrusion distortion, edge tool hurt in transport. To prevent the goods from sunlight, rain water and high temperature. Road transport, travel routes should be according to the provides routes.。
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15 Regulatory Information

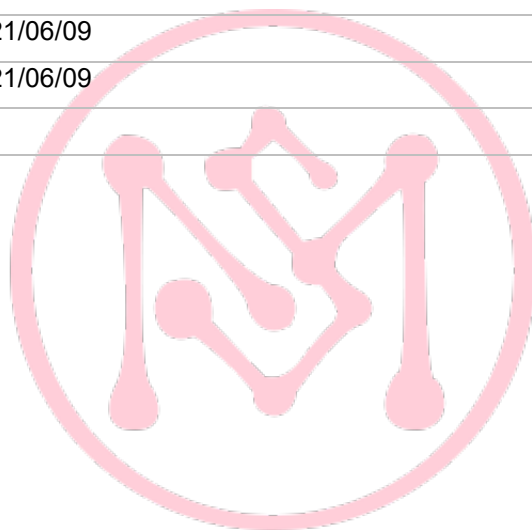
	No Information available
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16 Additional Information

Reference: Not Applicable

The format of the Safety Data Sheet is prepared according to JIS Z 7253:2012 & GB 16483-2008 / ISO 11014. The data in this safety data sheet relate only to the specific materials specified in this safety data sheet. The information in this document is based on our current knowledge and appropriate safety measures applicable to this product. It does not represent any guarantee of product performance.

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Revision reason	-



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