

ISSUED DATE : October 1st,2023
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CONFIRMATION DATE : October 1st,2023

SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME : SUNPELCA LB-2500NN
(Polyethylene foam)
Manufacture/Supplier : SANWA KAKO CO.,LTD.
Address : 56 Butsugenjicho Kamitoba Minamiku Kyoto
601-8103 Japan
Name of section : Foam Design Center
Telephone : +81-75-671-5188
Emergency Tel. : +81-75-671-5188
Reference number :SK-14005

2.HAZARDOUS IDENTIFICATION

GHS Classification
Physical and chemical hazards : Not classified
Health hazards : Not classified
Environmental hazards : Not classified
Other hazards : No information

3.COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture
General product description : Polyethylene foam
Ingredients and composition:

Chemical name	CAS RN	Composition (wt%)						
		White	Gray	Black	Blue	Red	Yellow	Green
Polyethylene	9002-88-4	/	69.31	/	/	/	/	/
Zinc oxide	1314-13-2		0.42					
Carbon black	1333-86-4		0.55					
Diantimony trioxide	1309-64-4		6.24					
Brominated flame retardant	Non-disclosure		8.32					
Chlorine flame retardant	Non-disclosure		2.08					

4.FIRST-AID MEASURES

Eye contact	: Immediately rinse with fresh water at once. As eyes might be damaged, undergo the ophthalmologist's diagnosis.
Skin contact	: No problem in particular.
Inhalation	: Not correspond since it is a solid However, when the foaming gas emitted out of a product is inhaled so much, it moves to the place of fresh air and receives a doctor's diagnosis depending on condition.
Ingestion	: Undergo the doctor's diagnosis without making it breathe out by force.
Protection of the person who takes measures emergency	: The rescuer must wear an appropriate protective equipment of eyes and skins etc. according to the situation.
Special notes to doctor	: Not applicable

5.FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Fire extinguisher or foam, dry chemical powder, carbon.
Unsuitable : media	: Not applicable
Peculiar hazard at a fire	: Not applicable
Special extinction method	: Fire is extinguished from the windward.
Protection for fire-fighters	: Wear the suitable protective equipment when you work.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions	: Not applicable
Environmental precautions	: Not applicable
Removal method	: Not applicable
Prevention measure of Secondary disaster	: Exclude the near one that becomes an ignition source.

7.HANDLING AND STORAGE

Handling

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Technical measure	: Not applicable
Safety handling notes	: Since electrostatic property is high, please perform the measure against static electricity if needed.
Evasion of contact	: Since it may discolor when some [, such as copper and brass,] metal is made to contact, please take care.
Sanitary measure	: No information
Storage	
Technical measure	: Not applicable
Substance which forbids	: Not applicable
Storage conditions	: Avoid direct rays and heat and high humidity, and keep It not to load a heavy load in a cool place.
Packaging material	: Not applicable

This product falls under category of designated combustible material, so if you store an amount of 20m³ or more for more than 24hours, you may need to notify the local fire department.

8.EXPOSURE CONTROL/PERSONEL PROTECTION

Management concentration	: No knowledge.
Permissible concentration	: No knowledge.
Facility and equipment Measures	: When you perform processing out of which particulates come, place local ventilation equipment as a measure against a particulate, or perform moderate ventilation.
Protective equipment	
Respiratory protective device:	Wear an antidust mask, when particulates are generated.
Protective equipment for eyes	: Not applicable
Protective equipment for hands	: Wear protective glasses, when particulates are generated.
Protective equipment for the skin and the bodies	: Not applicable

9.PHYSICAL & CHEMICAL PROPERTIES

Appearance	: Solid(Foam)
Odor	: Slight odor
Density of appearance	: 0.035g/cm ³

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Ignition Point : 340°C
Solubility : It does not dissolve to water.

10.STABILITY & REACTIVITY

General chemical reactivity : None
Possibility of a dangerous and harmful reaction : None
Condition to avoid : Not applicable
Dangerous material when mixing : None
Hazardous Decomposition products : None

11.TOXICOLOGICAL INFORMATION

Product toxicity Data : There is no information that shows the hazardous property.
Contacts with Skin : There is no information that shows the hazardous property.
Contacts with Eyes : There is some stimulus by foaming gas.
Respiratory sensitization : There is no information that shows the hazardous property.
Skin sensitization : There is no information that shows the hazardous property.
Germ cell mutagenicity : There is no information that shows the hazardous property.
Carcinogenicity : There is no information that shows the hazardous property.
Reproductive toxicity : There is no information that shows the hazardous property.
Specific target organ toxicity-single exposure : There is no information that shows the hazardous property.
Specific target organ toxicity-repeated exposure : There is no information that shows the hazardous property.
Aspiration hazard : There is no information that shows the hazardous property.

12.ECOLOGICAL INFORMATION

- Ecotoxicity : There is no information that shows the hazardous property.
- Persistence and Degradability : There is no information that shows the hazardous property.
- Bioaccumulative potential : There is no information that shows the hazardous property.
- Mobility in soil : There is no information that shows the hazardous property.
- Hazardous property to the ozone layer : There is no information that shows the hazardous property.

13.DISPOSAL CONSIDERATIONS

- Waste which remained : Observe the law in the country and the region, and abandon it.
Or entrust processing to the industrial waste treatment company who obtained permission.
- The receptacle and packing which were polluted : Observe the law in the country and the region, and abandon them. Or entrust processing to the industrial waste treatment company who obtained permission.

14.TRASNPORT INFORMATION

International regulation

Land transportation

- U.N. number : Un-corresponding
- Name : Un-corresponding
- U.N. classification : Un-corresponding

Marine transportation

- U.N. number : Un-corresponding
- Name : Un-corresponding
- U.N. classification : Un-corresponding
- The substance which pollutes the ocean : Un-corresponding

Air transportation

- U.N. number : Un-corresponding
- Name : Un-corresponding

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U.N. classification : Un-corresponding

15.REGULATORY INFORMATION

Fire Protection Law : Specified combustible
(in Japan)

A zinc oxide, carbon black and diantimony trioxide are notice object substances of Industrial Safety and Health Act.

Antimony trioxide is a substance subject to PRTR and the Poisonous and Deleterious Substances Control Law.

But they are not applicable because they do not scatter from the foam.

16.OTHER INFORMATION

The data sheet was created after taking into consideration enough based on the knowledge of our company.

However, the safety in the use under special conditions is not covered.

In the case of use, please refer to this data sheet, consider cautions of handling, protect applicable laws and regulations, and use it safely.