



SAFETY DATA SHEET

Kis-Insu 128

1 IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY UNDERTAKING

PRODUCT NAME Kis-Insu 128
APPLICATION Extruded High-Density Polystyrene Foam
SUPPLIER Kensetsu International (S) Pte Ltd
No.7 Mandai Link #09-24
Mandai Connection
Singapore 728653
sales@kst-grp.com
CONTACT TELEPHONE Phone: (65) 6255 6855 (not in use for 24hours)
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2 HAZARDS IDENTIFICATION

COMPONENT RELATED REGULATORY INFORMATION

This product may be regulated, has exposure limits or other information identified as the following:
Nuisance particulates

COMPONENT INFORMATION ON NON-HAZARDOUS COMPONENTS

No additional information available.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical	Cas No.	EC No.	Weight %
Polystyrene	9003-53-6	929-203-0	80-90
HFC-152a	75-37-6	200-866-1	1-6
HFC-134a	359-35-3	206-628-3	1-6
Hexabromocyclododecane	3194-55-6	221-695-9	0.5-1.5
Talcum Powder	14807-96-6	238-877-9	0.1-0.8

4 FIRST-AID MEASURES

INHALATION

Dusts produced by cutting or drilling of this product may cause irritation of the nose, throat, and respiratory tract.

INGESTION

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbance.

SKIN CONTACT

Dust produced from cutting or drilling from this product may cause itching and short-term irritation.

EYE CONTACT

Dust produced from cutting or drilling from this product may cause slight irritation to the eyes.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water, carbon dioxide, or dry chemical.

SPECIFIC HAZARDS



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Primary combustion products include carbon monoxide, carbon dioxide, and styrene. HFC-152a and HFC-134a ingredients thermally decompose at temperatures in the order of 430°C (805°F). The decomposition products include hydrogen fluoride, carbon monoxide, carbon dioxide, and fluorine. Other undetermined hydrocarbon fractions could be released.

FURTHER INFORMATION

Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Dust from cutting or drilling this material will settle out of the air. If concentrated on land, it can be scooped up for disposal as non-hazardous waste. In water the material will float and disperse with wind and current. Contain the material with booms and pick up with absorbents or adsorbent materials, or remove with vacuum truck.

ENVIRONMENTAL PRECAUTIONS

Scoop up material and put into a suitable container for disposal as a non-hazardous waste. Isolate area and keep unnecessary personnel away.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

No special procedures are required for this material. Avoid inhaling dusts or vapor. Avoid eye and excessive skin contact. Use only with adequate ventilation.

As with all chemical, good industrial hygiene practices should be followed when handling this material. Special care must be taken to avoid build-up of dusts.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

No special procedures are required for this material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide sufficient general and /or local exhaust ventilation to maintain exposures below the permissible exposure limit or threshold limit value. Grinding sawing or fabrication activities of the formular board can produce dust particles, which may certain conditions form explosive dust atmospheres that can be ignited.

PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use respiratory protection in accordance with your company's respiratory protection program, local regulations.

SKIN PROTECTION: Normal work clothing (Long sleeved shirts and long pants) is recommended.

EYE/FACE PROTECTION EQUIPMENT: Wear safety glasses or goggles

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Yellow, pink or blue foam.
ODOR	None
PHYSICAL STATE	Solid
SPECIFIC GRAVITY	(Water = 1): 0.021-0.064



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BOILING POINT	Decomposes over 600°F (316°C)
FREEZING POINT	Softens at 220°F (104°C)
WATER SOLUBILITY	Insoluble

10 STABILITY AND REACTIVITY

STABILITY: The product is stable under normal conditions of use and storage, avoid dispersion of dust in air.

INCOMPATIBLE MATERIALS: Hydrocarbons, esters and amines.

11 TOXICOLOGICAL INFORMATION

Dusts from cutting and drilling may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. Higher exposure may cause difficulty breathing, congestion, and chest tightness.

There are no known chronic health effects connected with long term use or contact with these products.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

This product is not expected to be toxic/ harmful to the environment.

13 DISPOSAL CONSIDERATION

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Recover for reuse or recycle if possible.

Dispose of waste and residues in accordance with local authority requirements.

Do not release product as rubbish into natural waters.

14 TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/ RID). No transport warning sign required.

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

No known specific national and/ or regional regulations applicable to this product (Including its ingredients).

ENVIRONMENTAL LISTING

Not known specific national and/ or regional regulations applicable to this product (Including its ingredients).

EU DIRECTIVES

Not Classified.



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16 OTHER INFORMATION

REVISION DATE -

REV. NO. SDS-INSU128-V3

DATE 31/08/2022

DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. KENSETSU INTERNATIONAL (S) PTE LTD shall not be held liable for any damage resulting from contact with or handling of the above products.