MATERIAL SAFETY DATA SHEET

Quality Management

REVISION	DESCRIPTION	DATE DD/MM/YYYY	BY	CHECKED	APPROVED
0	First issue	05/02/2020	S.J.Kim	Y.W.Ha	H.S.Jang

1. Product and company identification

A. Product Name : Insulation panels (Flat wall panel & Corner panel, etc.)
B. Recommended use for product : Insulation for Cargo Containment systems
C. Information for manufacturer / Supplier

- ◯ Supply company : DONGSUNG FINETEC
- ◯ Address : 120, Hyeopdongdanji-gil, Miyang-myeon, Anseong-si, Gyeonggi-do, 17600 Rep. of KOREA
- ◯ Service for information supplier and emergency phone number : +82-31-678-7264
- ◯ Person in charge and phone number : Quality Management, SeongJin Kim (+82-31-678-7264)

2. Hazards identification

A. Label elements by hazard classification : Not classified as a hazardous material
  -. NFPA code : HEALTH HAZARD = 0, FIRE HAZARD = 0, REACTIVITY = 0
B. Follow raw material MSDS for details.
C. Other Hazard, Risk which is not included in the classification criteria : None

3. Composition/Information on ingredients

COMPONENTS	MATERIAL NAME	CAS NO.	CONTENT (%)
R-PUF	Polyurethane foam	-	-
Plywood	Birch plywood	-	-
Glue	Polyurethane glue	-	-
RSB	Rigid Secondary Barrier	-	-
FSB	Flexible Secondary Barrier	-	-
Anchor strips	Stainless steel coil	-	-
SUS Corner	Stainless steel coil	-	-

A. The proportion of components varies by panel type.
B. Follow Raw material MSDS for details.

4. First aid measures

A. Inhalation:
  -. Move to fresh air, consult doctor if complaint persists.
B. Skin contact:
  -. Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.
C. Eye contact:
  -. Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
D. Ingestion:
  -. Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire-Fighting measures

A. Suitable extinguishing media:
  -. Alcohol-resistant foam, extinguishing powder, carbon dioxide, sand
B. Not suitable extinguishing media:
  -. No information available.
C. Special hazards arising from the substance or mixture:
  -. The substances/groups of substances mentioned can be released in case of fire.
D. Advice for firefighters:
  -. Use goggles in combination with dust mask, and another protection as appropriate to situation.
E. Follow raw material MSDS for details.

6. Accidental release measure

A. Personal precautions, protective equipment and emergency procedures
  -. Not measured
B. Environmental precautions
  -. Not measured
C. Methods and material for containment and cleaning up
  -. Not measured
D. Follow raw material MSDS for details.

7. Handling and Storage

A. Precautions for safe handling
  -. Use work methods which minimize dust production.
  -. Use only in well ventilated areas.
  -. Wear appropriate personal protective equipment.
  -. Wash hands after handling.
B. Conditions for safe storage, including any incompatibilities
  -. Minimize sources of ignition, such as heat, spark or flame.
  -. During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.
  -. Avoid exposure to direct sunlight.
C. Follow raw material MSDS for details.

8. Exposure controls / personal protection

A. Control parameters (e.g. occupational exposure limit values, biological limit values):
  -. Not measured
B. Appropriate engineering controls:
  -. Not measured
C. Personal protection equipment
  -. Respiratory protection: use a NIOSH approved respirator for dusts.
  -. Hand protection: No special precautions.
  -. Eye protection: No special precautions.
  -. Body protection: No special precautions.
D. Follow raw material MSDS for details.

9. Physical and chemical properties

A. Follow raw material MSDS for details.

10. Stability and reactivity

A. Hazardous reactions
  -. No hazardous reactions with proper storage and handling.
B. Chemical stability
  -. Avoid exposure to direct sunlight.
C. Incompatible materials
  -. Heat, spark or flame
D. Hazardous decomposition products
  -. None with proper storage and handling
E. Follow raw material MSDS for details.

11. Toxicological information

A. Acute oral toxicity
  -. No data available.
B. Follow raw material MSDS for details.

12. Ecological information

A. Assessment of aquatic toxicity: No data available
B. Persistence and degradability: No data available
C. Bio accumulative potential: No data available
D. Mobility in soil: No data available
E. Other adverse effects: No data available
F. Follow raw material MSDS for details.

13. Disposal considerations

A. Waste treatment methods
  -. Incinerate in suitable incineration plant, observing local authority regulations.
B. Follow raw material MSDS for details.

14. Transport information

A. Land transport : Not regulated
B. Inland navigation transport : Not regulated
C. Sea transport : Not regulated
D. Air transport : Not regulated
E. Follow raw material MSDS for details.

15. Regulatory information

A. OSHA Hazard Communication Standard : Not regulated
B. Toxic Chemical Control Act : Not regulated
C. Safety Control of Dangerous Substances Act : Not regulated
D. Wastes Control Act : Management by the Article 25 of the Waste Management Act (Law 4363)
E. Regulation by other foreign law: None
F. Follow raw material MSDS for details.

16. Other information

A. Further information:
-. This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.
B. The exact information should follow the raw material supplier's MSDS and procedures.