

MATERIAL SAFETY DATA SHEET
FJORDPANEL® SILICATE COMPOSITE MATERIAL
MSDS DATE: 2018-01-14

FILE NO.: 1.0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FJORDPANEL® silicate based fiber composite
SYNONYMS: FJORDPANEL®

MANUFACTURER: FRM Sweden AB

ADDRESS: Bofasterud 345
65591 Karlstad
Sweden

EMERGENCY PHONE: +46705526211

PRODUCT USE: Composite board for use in ship or train interiors
PREPARED BY: FRM Sweden AB, Fredric Broman

SECTION 1 NOTES: This product do not require a formal MSDS however the format with 16 sections has been used for the customer convenience.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

Inorganic fiber reinforcements of glass and/or basalt.
Sodium and potassium silicate binder (waterglass).
Glass micro beads
Thermo plastic micro beads

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: irritation from dust

SKIN: irritation from fiber reinforcement

INGESTION: N/A

INHALATION: irritation from dust

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Rinse with water

SKIN: Wash with soap and water, rinse carefully

INGESTION: N/A

INHALATION: Move person to well ventilated area

SECTION 4 NOTES:

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SECTION 5: FIRE-FIGHTING MEASURES

The product is classified as “non-combustible” according to IMO 2010 FTP Code Part 1.

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A
METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: N/A

SECTION 6 NOTES: -

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Stored in dry conditions

OTHER PRECAUTIONS: -

SECTION 7 NOTES: -

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Dust ventilation required for dust producing activities

RESPIRATORY PROTECTION: Respiratory dust protection shall be used when dust producing activities are performed

EYE PROTECTION: Dust protection glasses shall be used when dust producing activities are performed

SKIN PROTECTION: Protective gloves shall be used while handling the material

SECTION 8 NOTES:

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Grey solid material

ODOR: no odor

PHYSICAL STATE: Solid

pH AS SUPPLIED: N/A
pH (Other): N/A
BOILING POINT: N/A
MELTING POINT: N/A
FREEZING POINT: N/A
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY (H₂O = 1): 0,2-0,5
EVAPORATION RATE: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Not soluble in water

PERCENT SOLIDS BY WEIGHT: 90-100%

PERCENT VOLATILE: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION 11 NOTES: -

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 12 NOTES: -

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Follow local waste disposal regulations. Sort material as non-combustible material

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

ADR / VLG: N/A

IMCO: N/A

IATA: N/A

Non-hazardous transport goods according to above-mentioned instructions. Weather protection recommended.

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

All data in this SDS are based on the current state of knowledge, however they do not certify product properties and they do not justify legal liability. As FRM Sweden AB can't control the use of the end-product, the consumer has to determine under which circumstances the product can be used safely. This Safety Data Sheet is exclusively intended for professional use.