01 Identification Of The Substance Or Mixture And Of The Supplier	
Product Identifier	**FireBlock Solar PV Membrane**
Other Means Of Identification	Fire-resistant roof barrier membrane
Recommended Use Of The Chemical And Restrictions On Use	Roof fire barrier for use under or over waterproofing membranes and in solar PV installations. Not for use as personal protective equipment or electrical insulation. The product is a solid article.
Manufacturer's Details	Name: Bridgehill AS
	Address: Elveveien 34, 3262 Larvik, Norway
	Email: post@bridgehill.com
	Website: bridgehill.com
Emergency Phone Number	+47 33 50 98 70

02 Hazard Identification	
Classification	Not classified as hazardous according to GHS (Rev.10), CLP (EC 1272/2008) and OSHA HCS (29 CFR 1910.1200)
Precautionary Statement & Element	Use gloves and PPE when handling. Avoid inhalation of dust if cutting or trimming.
Other Hazards	The product is inert and non-flammable. During high heat exposure, polymer coating may produce fumes; avoid inhalation. May cause slight irritation to the skin.

03 Composition/ information On Ingredients	
Chemical Identity Of Substances	Mineral-based fabric, BridgeTech™ Polymer Coating
Common Name Of Substances	Silica, Alumina, Calcium oxide, Boron oxide (fabric) Polymer (coating)
CAS Number Of Substances	Silica (7631-86-9), Alumina (1344-28-1), Calcium oxide (1305-78-8), Boron oxide (1303-86-2)
	BridgeTech™ Polymer Coating CAS 63394-02-5
Impurities And Additives	No hazardous impurities indicated

04 First-aid Measures	
Inhalation, Skin & Eye Contact And Ingestion	Not relevant to the product
Important Symptoms/ Effects, Acute And Delayed	Transient irritation of skin/ eyes possible; Wash with water.
Indication Of Immediate Medical Attention And Special Treatment	Immediate medical attention is not required for the product.

05 Firefighting Measures	
Suitable Extinguishing Media	Product is fire-resistant; use extinguishing media appropriate to surrounding materials.
Specific Hazards Arising From The Chemical	During fire conditions, fumes/gases may be released; avoid inhalation.
Special Protective Equipment For Firefighter	SCBA (self-contained breathing apparatus) and PPE for fire operations

06 Accidental Release Measures	
Personal Precautions, Protective Equipment And Emergency Procedures	Use gloves and PPE if handling used or damaged material. Avoid creating dust if cutting.
Environmental Precautions	No special environmental precautions are required.
Methods And Materials For Containment And Cleaning Up	Collect mechanically and dispose of according to local regulations.

07 Handling & Storage	
Precautions For Safe Handling	Avoid excessive bending or tearing. Use PPE when cutting. Do not expose to open flames or temperatures beyond product limits.
Safe Storage	Store in a dry, ventilated area. Avoid direct sunlight and moisture.

08 Exposure Controles/ Personal Protection	
Control Parameters	None established for the product
Appropriate Engineering Control	General industrial good practice; gas/temperature monitoring in fire scenarios.
Individual Protection Measures	Gloves, safety glasses, and protective clothing are recommended when handling or cutting.

09 Physical & Chemical Properties	
Physical State	Solid, coated fabric
Color	One side in Black color, one side in White color
Oduor	Polymer like
Melting Point/Freezing Point	Not applicable based on component data
Boiling Point Or Initial Boiling Point And Boiling Range	Not applicable
Flammability	Does not ignite

Lower And Upper Explosion Limit/Flammability Limit	Not applicable
Flash Point	Not applicable
Auto-Ignition Temperature	Not applicable for the product; see service temperatures below.
Decomposition Temperature	Not determined based on component data
pH	Not applicable
Kinematic Viscosity	Not applicable
Solubility	Not applicable
Partition Coefficient: N-Octanol/Water (Log Value)	Not applicable
Vapor Pressure	Not applicable
Density And/Or Relative Density	Not applicable (solid article)
Relative Vapor Density	Not applicable
Particle Characteristics	Not applicable
Service Temperatures (Core Fabric)	Up to 1600°C short-term / 800°C long-term

10 Stability & Reactivity	
Reactivity	Stable
Chemical Stability	Stable
Possibility Of Hazardous Reactions	None known
Conditions To Avoid	None known
Incompatible Materials	No known incompatible materials
Hazardous Decomposition Products	The product itself does not decompose. Fumes/gases may be released from materials involved in the fire.

11 Toxicological Information	
Likely Routes Of Exposure	Not applicable for the product
Symptoms	Not applicable for the product
Delayed And Immediate Effects On	None known for the product itself; manage per fire incident exposure.
Numerical Measures Of Toxicity	No acute toxicity values applicable for the product.

12 Ecological Information	
Ecotoxicity	There are no known adverse effects on aquatic or terrestrial organisms. Product is an inert article.
Persistence And Degradability	Not biodegradable; stable in the environment.
Bio Accumulative Potential	No bioaccumulation expected due to the insoluble and inert nature of the product.
Mobility In Soil	Product is a solid article and will not migrate in soil or water.

Other Adverse Effects	None known. Ecological impact will depend on the materials to which the product was exposed.

13 Disposal Considerations	
Safe Handling, Waste Residues, Method Of Disposal Including The Packaging	Dispose of in accordance with local regulations. Product is non-hazardous.

14 Transport Information	
UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	Not classified as hazardous
Packing Group	Not applicable
Environmental Hazards	Not applicable. Product is not a marine pollutant.
Transport In Bulk According To IMO Instruments	Not applicable
Special Precautions	None. The product can be transported as ordinary goods.

15 Regulatory Information	
International Conventions	The product does not contain any substances regulated under the Montreal Protocol, Stockholm, or Rotterdam Convention.
EU Regulations	The product is not classified as hazardous under REACH Regulation (EC) No. 1907/2006.

16 Other Information	
Key references and data sources	REACH Regulation (EC) No. 1907/2006; Montreal Protocol; Stockholm and Rotterdam Conventions. Globally Harmonized System of classification and labeling of chemicals ST/SG/AC.10/30/Rev.10
Disclaimer	Information is based on current knowledge and intended for health, safety, and environmental guidance. The solution must be used responsibly; Bridgehill cannot anticipate all fire scenarios or misuse. Users should consult our website for the latest product information.