

Section 1: Product and Company Information

Product identifier

Product form : Braided Fiberglass sleeving with resin saturation
Name : Insultherm (FGN)
Intended use of the product : Wire management, bundling and protecting

Details of the supplier of the safety data sheet

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 8701 202530

Emergency telephone number

+44 1865 407333






Section 2: Hazards Identification

Classification of the substance or mixture

GHS-US classification : N/A

GHS-US Classification N/A	
Health	5
Flammability	5
Physical Hazard	5
Personal Protection See section 8	

GHS-US Chart

1		Severe Hazard
2		Serious Hazard
3		Moderate Hazard
4		Slight Hazard
5		N/A

Section 3: Composition/Information on Ingredients

Name	CAS Number	GHS-US classification	% Range	SVHC
Continuous Filament Glass Fibers	65997-17-3		93% to 94%	
Proprietary Acrylic Polymers			5% to 6%	
Carbon Black	1333-86-4		<1%	
Misc. Do Not Declare			<1%	

Section 4: First Aid Measures

Description of first aid measures

After inhalation : Move person to fresh air. If irritation persists, get medical attention
After skin contact : Wash with mild soap and cold water. Do not wash with warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a washcloth to remove fibers. To avoid further irritation, do not

After eye contact : rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. If irritation persists, get medical attention.
: Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists, get medical attention.

After ingestion : Ingestion of this product is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur.

Section 5: Fire-Fighting Measures

Extinguishing media : Water fog, foam, carbon dioxide (CO₂), or dry chemical.

Suitable media : Water fog, foam, carbon dioxide (CO₂), or dry chemical.

Unsuitable media : -

Special hazards arising from the substance or mixture

Fire hazard : Insultherm is non-flammable.

Explosion hazard : None known.

Reactivity : -

Information for firefighters

Firefighting instructions : -

Protection during firefighting : Use self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

General measures : -

For non-emergency personnel : -

For emergency responders : -

Environmental precautions : -

Methods and materials for containment and clean-up

Containment : Any dust generated will settle out of air. It can be vacuumed (vacuum should have HEPA filter) or wet mopped. Avoid using compressed air or sweeping to collect dust as it will release dust into the air again.

Clean-up : Dispose as non-hazardous waste.

Section 7: Handling And Storage

Precautions for safe handling

Additional hazards when processed : -

Precautions : -

Hygiene measures : -

Conditions for storage, including any incompatibilities

General conditions : Store in a cool, dry place.

Technical measures : -

Incompatible materials : -

Suggested area : -

Section 8: Exposure Controls/Personal Protection

Exposure Controls

Control parameters (by substance) : -

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Name of Substance				
Regulation				

Appropriate engineering controls : Local exhaust ventilation should be used in any operations that could generate dust to prevent inhalation of dust.

Personal protective equipment : -

Hand protection : Gloves may be worn to prevent irritation from dust or fibers during cutting of the product.

Eye protection : Wear safety glasses or goggles when cutting the product.

Skin and body protection : Normal working clothes recommended.

Respiratory protection : NIOSH approved respiration should be used in any environment where dust generation exceeds applicable PELs or TLVs.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state : Solid

Appearance : Off-white fiberglass with acrylic resin saturation

Colour : Black

Odor : None

Odor Threshold : -

pH : N/A

Relative evaporation rate : N/A

Melting point : 1,120°C

Boiling point : N/A

Flash point :

Auto-ignition temp. :

Decomposition temp. :

Flammability :

Vapor pressure : N/A

Relative vapor density : N/A

Relative density :

Density :

Solubility : Insoluble in water

Log Pow :

Log Kow :

Viscosity :

Explosive properties :

Explosive limits :

Oxidizing properties :

Specific Gravity : 1.0 -1.8

Other information : -

Section 10: Stability and Reactivity

Reactivity : Not reactive.

Chemical Stability : Stable.

Hazardous Reactions : Hazardous polymerization will not occur.

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sg.element14.com/b/multicomp-pro

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Conditions to avoid : None known.

Hazardous materials Hazardous decomposition products : Primary combustion products are carbon monoxide and carbon dioxide, and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde, metal oxides, and nitrogen oxides.

Section 11: Toxicological Information

Acute toxicity : Insultherm is not considered to be hazardous or contain any hazardous chemicals as defined by OSHA Hazard Communication Standard.

Skin corrosion/irritation : -

Serious eye damage/irritation : -

Respiratory or skin sensitization : -

Germ cell Mutagenicity : -

Carcinogenicity : Fiberglass is not classified as a human carcinogen as per ACGIH or IARC.

Reproductive toxicity : -

Specific organ toxicity : -

Aspiration hazard : -

Symptoms/injuries inhalation : -

Symptoms/injuries eye contact : -

Symptoms injuries ingestion : -

Section 12: Ecological Information

Toxicity : -

Persistence : -

Degradability : -

Bioaccumulative potential : -

Mobility in soil : -

Other adverse effects : -

Notes: Information not available.

Section 13: Disposal Considerations

Waste treatment methods

Waste disposal recommendation : Not considered hazardous waste. Dispose as per local, state, and federal regulations.

Additional information : -

Section 14: Transport Information

UN number

DOT UN No. : -

DOT NA No. : -

UN proper shipping name

Department of transportation : -

Hazard classes : -

Hazard labels : -

Packing Group : -

DOT special provisions : -

Additional information

Emergency response guide No. : -
Other information : -
MFAG No. : -

Air transport

DOT quantity limitations passenger aircraft/rail (49 CFR 173.27):
DOT quantity limitations cargo aircraft only (49 CFR 175.75):
Notes : Not regulated.

Section 15: Regulatory Information

Safety, health, and environmental regulations/legislation specific to the substance or mixture,
WHMIS : Not a controlled product.
SARA : Material does not contain any substances in Reportable or Threshold quantities.
OSHA : N/A
TSCA : All substances used to manufacture this material are listed in the TSCA inventory.
Title III Chemical Lists : Material does not contain any Title III chemicals.
CERCLA Chemical Lists : Material does not contain any CERCLA chemicals.

Section 16: Other Information

NA

Part Number
SPC14520

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