泰山玻璃纤维股份有限公司

TAISHAN FIBERGLASS INC.

SAFETY DATA SHEET

INVOICE NO.:CTG-FCT0601 **DATE:**MAY.08.200
P.O.NO: 03F000951 **Ref.:** FCT1301/06
DATE: 01/05/06Section 1.1: Identification of Substance

EDR120/240/480	Filament winding or Pultrusion roving
ERS 240/310	Spray up roving (HOBAS)/SMC(4400/4800 tex)– wound onto a cylindrical forming package
EMCL225/300/ 450/600/900	Chopped strand mat emulsion bond-chopped and formed to mat
EMC300/450/600	Chopped strand mat powder bond– chopped and formed to mat
EWR300/400/500/570/800	Woven roving – woven to heavy fabric
EC10/11/13/14	Chopped strands for PA ,BMC,PBT,PP etc.
EMK	Complex mat, Combo mat,

Chemical Name and Synonyms:	Continuous filament fiberglass (fibrous glass; glass fiber; Synthetic vitreous fibers)
Chemical Formula:	E-glass
Color:	Yellow-white to white
Odor:	No odor

Note: These products are not glass wool products as used for home insulation materials

Section 1.2: Company Address

Taishan Fiberglass Inc.
Economic Development Zone,
Taian, Shandon, PR China 271000

Section 2: Composition and Ingredients

Ingredients	**% - Weight**	**Exposure Control Limit**
Fibrous Glass [E-type, continuous filament] Composition principally of Oxides of silicon, Aluminum and calcium, fused in an amorphous Vitreous state.	84.5 min.	5 mg/m3 ACGLH-TLV Synthetic vitreous fiber inhalable dust

15 mg/m3 OSHA-PEL

total nuisance dust

Section 2: Composition and Ingredients (continued)

Product name	% Fibrous Glass	Surface Sizing	Surface Binder	Water
EWR300/400/500/570/800 Woven roving	99% min	1% max		
EMC-300/450/600 Chopped strand mat	93% min	1% max	6% max (polyester)	

Section 3: Hazards Identification

Emergency Overview: Stable and non-flammable under normal industrial conditions

Primary Route(s) of Entry: Inhalation

Symptoms of Overexposure: Rash, itching, conjunctivitis, coughing, sneezing

Immediate (Acute) Health Hazards: Mechanical skin, eye, nose and throat irritant. Typically, skin irritation experienced by most persons newly exposed to fiberglass.

Long Term (Chronic) Health Hazards: None currently known.

Section 4: First Aid Measure

Medical Conditions Aggravated by Exposure: None known

Eye Contact: Flush eyes with water for at least 15 minutes – seek medical attention

Skin Contact: Rinse contact areas with room temperature to cool water, then wash gently with Mild soap. If glass fiber becomes embedded, seek medical attention:

Inhalation: If irritation persists, seek medical attention. **IF SWALLOWED**: Seek medical attention.

Section 5: Fire-fighting Measures

Flash Point, Flammable Limits, Extinguishing Media:
Water is the preferred extinguishing media. Non-burning, Exposure to ignition source will burn-off surface binder leaving a bare glass residual similar to the initial product.

Unusual Fire and Explosion Hazards: Not applicable

Fire Fighting Procedures:

In any sustained fire, wear self-contained breathing apparatus (SCBA). Every company should have written, MFPA & OSHA compliant, fire/evacuation policies including training for all facility employees.

Special Exposure Hazards from Fire:

Hazardous decomposition products of combustion from sizing and binders may be released in a sustained fire. The larger part of the product is non-flammable E-glass. In a sustained fire, sizing and binders may decompose, releasing combustion products including carbon dioxide, carbon monoxide and water. Additionally, there are many chemicals that can evolve during any partial decomposition of chemical products. The amounts or identities cannot be predicted and can differ in each situation.

Section 6: Accidental Release Measure

Steps to be taken upon Release of Spill:

Use vacuuming or wet sweeping methods instead of dry sweeping.

Waste Disposal Method:

Dispose in accordance with governmental regulations. Keep debris minimal by locating waste disposal equipment near work areas.

Section 7: Handling and Storage

Precautions:

Keep airborne dust concentrations below regulated levels. For optimum performance, store at 25 degree Celsius or less and relative humidity less than 65%. Not an electrical conductor. Can accumulate static charge.

Section 8: Exposure Controls Personal Protection

Respiratory Protection:

Some application of these products may not required respiratory protection for fiberglass. However, if airborne fibrous glass concentrations exceed regulatory limits, respiratory protection approved for nuisance dusts is recommended.

Ventilation:

Local exhaust ventilation (if needed) to minimize airborne dust levels.

Skin/Eye Protection:

Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls, or long sleeved loose fitting clothing will maximize comfort. Vacuum