ITEN INDUSTRIES, INC.

Safety Data Sheet
Resiten Grade G10FR4

SECTION 1: Identification

1.1 Product identifier

Product name	Resiten Grade G10FR4
Product number	G10FR4
Substance name	Fibrous Glass Cured Epoxy Polymer

1.2 Other means of identification
na

1.3 Recommended use of the chemical and restrictions on use
Electrical/Electronic Applications, Insulators

1.4 Supplier's details

Name	Iten Industries, Inc.
Address	P.O. Box 2150 Ashtabula, OH 44005-2150 US
Telephone	800-227-4836
Fax	440-992-4966
email	info@itenindustries.com

1.5 Emergency phone number(s)

1-800-852-2482
Vector Security

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

Statement regarding ingredients of unknown toxicity (OSHA)
na

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Fibrous Glass Cured Epoxy Polymer
Other names / synonyms	na
Impurities and stabilizing additives	na

Trade secret statement (OSHA 1910.1200(i))
na

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Avoid inhalation, ingestion, and excessive skin exposure of dust.
If inhaled	Remove to fresh air. If symptoms persist, seek medical attention.
In case of skin contact	Wash with soap and water and remove contaminated clothing. If symptoms persist, seek medical attention.
In case of eye contact	Flush with water for 15 minutes. If symptoms persist, seek medical attention.
If swallowed	na
Personal protective equipment for first-aid responders	na

4.2 Most important symptoms/effects, acute and delayed
na

4.3 Indication of immediate medical attention and special treatment needed, if necessary
na

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Water, CO2, Foam (AFF), Dry Agent

5.2 Specific hazards arising from the chemical
Smoke from fire may contain toxic fumes.

5.3 Special protective actions for fire-fighters
Positive Pressure SCBA to be worn when entering burning area.

Further information
Conventional firefighting procedures are to be used.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
na

6.2 Environmental precautions
na

6.3 Methods and materials for containment and cleaning up
na

Reference to other sections
na

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Sheets stacked too high and not restrained properly may pose a hazard of sliding.
Some nuisance dust may be present in boxes of fabricated parts.

7.2 Conditions for safe storage, including any incompatibilities
na

Specific end use(s)
na

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls
Use proper ventilation for machining or dust collection system when sawing.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Wear safety glasses with side shields for machining or sawing.

Skin protection
Wear appropriate gloves and protective garments while machining or sawing.

Body protection
na

Respiratory protection
If proper ventilation is not available, wear NIOSH approved dust respirator to avoid exposure to nuisance dust while machining or sawing.

Thermal hazards
na

Environmental exposure controls
na

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Pigmented solid sheets or machined parts
Odor	Faint phenolic odor
Odor threshold	na
pH	na
Melting point/freezing point	na
Initial boiling point and boiling range	na
Flash point	na
Evaporation rate	na
Flammability (solid, gas)	na
Upper/lower flammability limits	na
Upper/lower explosive limits	na
Vapor pressure	na
Vapor density	na
Relative density	na
Solubility(ies)	na
Partition coefficient: n-octanol/water	na
Auto-ignition temperature	na
Decomposition temperature	na
Viscosity	na
Explosive properties	na
Oxidizing properties	na

Other safety information
na

SECTION 10: Stability and reactivity

10.1 Reactivity
Material will slowly degrade with exposure to strong oxidizing agents.

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
na

10.4 Conditions to avoid

Exposure to strong oxidizing agents.

10.5 Incompatible materials
Oxidizers

10.6 Hazardous decomposition products
Trace amounts of HCN, CO2, CO, Phenol, and other Hydrocarbons.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Skin corrosion/irritation
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Serious eye damage/irritation
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Respiratory or skin sensitization
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Germ cell mutagenicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Carcinogenicity

Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Reproductive toxicity
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Summary of evaluation of the CMR properties
This material is not classifiable as to human carcinogenicity, mutagenicity, or reproductive toxicity and it has not been classified as a carcinogen, mutagen, or reproductive toxicant.

STOT-single exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

STOT-repeated exposure
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Aspiration hazard
Method:
Species:
Routes of exposure:
Effective dose:
Exposure time:
Results:

Additional information
This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

SECTION 12: Ecological information

Toxicity
na

Persistence and degradability

na

Bioaccumulative potential
na

Mobility in soil
na

Results of PBT and vPvB assessment
na

Other adverse effects
na

SECTION 13: Disposal considerations

Disposal of the product
Insure conformity with local disposal regulations.
Waste is not hazardous as defined by RCRA (40 CFR Part 261

Disposal of contaminated packaging
na

Waste treatment
na

Sewage disposal
na

Other disposal recommendations
na

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment
This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

HMIS Rating

Health	0

Flammability	1
Physical hazard	0
Personal protection	

SECTION 16: Other information

na

16.1 Further information/disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

16.2 Preparation information

Prepared in accordance with 229 CFR 1910.1200