jb martin

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

Product Name:	Carbon fabric, TC-06-U
Weaver:	***jb martin ltée*** 445 St-Jacques St-Jean-sur-Richelieu Québec, Canada J3B 2M1 Tel.: (450) 346-6853
Raw material:	**Toray Carbon Fibers America Inc** **2030 Highway 20** **PO Box 248** **Decatur, AL 35601 USA** **Tel.: (256) 260-2626** **Soficar S.A.** **(Société des Fibres de Carbone) S.A.** **3, Avenue du Chemin de Presies** **94410 Saint-Maurice Cedex, France** **Tel.: 1-48-85-65-12**

SECTION II: HAZARDOUS INGREDIENTS & EXPOSURE LIMITS

Chemical Name	%	TLV
Carbon Fiber (Synthetic) [CAS 7440-44-0] (Polyacryionitrile (PAN) based 92% < Carbon)	≥ 98	Not established
Uncured Epoxy:	≤ 2	Not established

SECTION III: TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	n/a	Solubility in water:	Negligible
Vapour Pressure @ 20°C:	n/a	Specific Gravity:	1,7 – 2,0
Vapour Density:	n/a	ph:	n/a
% volatile:	n/a	Evaporation rate:	n/a
Freezing point:	n/a		
		(n/a = not applicable)	
This material is electrically conductive			

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SECTION IV: FIRE, EXPLOSION HAZARDOUS DATA

Flash point:	n/a
Autoignition:	n/a
Flammable limit:	n/a
Extinguishing media:	Carbon dioxide, dry chemical, water spray
Special fire fighting procedure:	None
Unusual fire and explosion hazards:	None

SECTION V: REACTIVITY DATA

Stability:	Stable
Incompatibility (dangerous reaction):	Not identified
Hazardous decomposition:	None

SECTION VI: HEALTH HAZARD DATA

Effect of Overexposure

Eye:	May cause irritation
Skin:	May cause mechanical irritation
	Prolonged or repeated contact may also cause typical epoxy skin sensitisation
Inhalation:	May cause mechanical irritation
Ingestion:	Not known. Expected to be relatively non-toxic

Emergency or First Aid Procedure

Eye:	Flash eyes with plenty of water for at least 15 minutes. Call a physician
Skin:	Wash exposed skin with soap and running water
Inhalation:	Call a physician

Protection

If dust is generated and ventilation is inadequate, following protection is recommended:

Eye:	Wear eye protection
Skin:	Wear gloves. Keep clothing clean and dry. Protective skin cream may be helpful
Inhalation:	Wear protection mask

SECTION VII: SPECIAL PRECAUTIONS

Carbon fiber is electrically conductive. It may cause short circuits of electrical apparatus, especially when airborne fibers are drifting in the vicinity. Precautions regarding handling, disposal and electrical apparatus are as follows.

Be cautious of handling carbon fiber. Do not touch, cut or break it unnecessarily.

Place in sealed plastics for disposal.

Bury in designated ground in accordance with local and national regulations.

Do not incinerate it. Incineration may generate airborne fibers which cause electrical malfunction.

To avoid short circuits, it is recommended that electrical apparatus should be isolated from the room in which fiber is handled, and also insulation paint should be applied to the terminals.

It is important to install adequate ventilation to prevent troubles caused by airborne fibers. The ventilation should not exhaust airborne fibers to environment.

We believe the information on this data sheet is correct to the best of our current knowledge. However, no warranty is made with respect to its completeness.

This material safety data sheet does not anticipate all the situation in which this material is processed or all the physical and mental characteristics of each individual who is involved in the processing.

It is user's obligation to test and use this material safely in accordance with every relevant regulation and law.

Unless otherwise agreed in writing, we assume no liability for any claims or damages caused in relation to the use of this material.

The technical department

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