

**1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS****Identification of the substance or preparation**Name of product: **CEP-F7500 & CEP-F7544****Use of the substance / preparation**

Article: Toolmaster® / Tooling prepregs

**Company / undertaking identification**

Company name: AIRTECH EUROPE Sarl

Street/POB No.: Z.I. Haneboesch

State/city/postal code: L-4562 DIFFERDANGE

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E-mail: sales@airtech.lu

**Emergency telephone**

+352-582282-1 (8.00am – 5.00pm CET)

**2 - HAZARDS IDENTIFICATION**

## Properties affecting health

Prolonged or repeated contact may cause skin irritation. Vapors release during product cure may cause irritation to the eyes and/or respiratory system. Dust from machining operations of cured product may cause irritation to the eyes and/or the respiratory system.

## Environmental properties

May cause long-term adverse effects in the aquatic environment. Harmful to aquatic organisms.

**3 – COMPOSITION/INFORMATION ON INGREDIENTS**

The product is a prepreg based on a fiberglass fabric and a cyanate/epoxy resin.

	<u>Weight %</u>	<u>CAS-No.</u>	<u>EINECS-No.</u>
2,2-Bis (4-cyanatophenyl) propane	15 - 28 %	1156-51-0	214-590-4
Polymer of Epichlorohydrin, Phenol Formaldehyde Novolac Resin	9 - 22 %	28064-14-4	-
Proprietary catalyst	< 0.15 %	Proprietary	-
Woven continuous filament glass fibre	60-70%	65997-17-3	266-046-0

**4 - FIRST AID MEASURES****Inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products. Keep at rest.

**Eye contact**

Oxygen or artificial respiration if needed. Call a physician immediately.

**Skin contact**

Rinse immediately and at least fifteen minutes with plenty of water, also under the eyelids. Consult a physician.

**Ingestion**

Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Call a physician immediately.

Clean mouth with water and drink afterwards plenty of water. Call a physician immediately.

**5 - FIRE-FIGHTING MEASURES**

<b>Suitable extinguishing media:</b>	Water, carbon dioxide, foam, dry chemical.
<b>Unusual fire and explosion hazards:</b>	N/A
<b>Special protective equipment:</b>	Remove all ignition sources. Wear self-contained breathing apparatus and full protective clothing when entering confined areas where potential for exposure to vapors or products of combustion exists.

**6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE**

<b>Personal precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Environmental precautions</b>	Do not let product enter drains.
<b>Methods for cleaning up</b>	Collect and store into approved waste containers.

**7 - HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with skin and eyes.
<b>Storage</b>	Refrigerated storage is recommended to maintain product quality. This product may be stored at -18°C for up to 12 months.

**8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Exposure controls:** Overall room ventilation and/or local exhaust at points of fume generation.

**Occupational exposure controls:**

Respiratory protection:	Not necessary with adequate ventilation. If grinding, dry sanding, or machining cured product, we recommend an approved respirator with dust piece.
Skin protection:	Protective latex gloves are required when handling uncured material.
Eye protection:	Wear safety glasses with side shields or safety goggles.
Hygiene measures:	Wash hands before handling food and at the end of work.
Other protection equipment	An eyewash should be nearby and ready for use.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Tacky resin on glass fibre cloth
pH	Not determined
Boiling point/range	Not applicable
Flash point (°C):	Not applicable
Vapor pressure	Not applicable
Melting point:	Not applicable
Relative density	Not determined
Water solubility	Insoluble
Vapor density	Not applicable

**10 - STABILITY AND REACTIVITY**

**Conditions to avoid:** Do not keep the material out of the freezer for prolonged periods.

**Materials to avoid:** Contamination with acids, bases and amines can cause exothermic polymerization.

**Hazardous decomposition products:** In case of thermal decomposition, toxic gases or fumes are evolved: carbon monoxide, carbon dioxide and nitrogen oxides.

**Additional information:** Product is stable under recommended storage and processing conditions.

**Polymerization:** May occur above 93°C in large mass, especially in the presence of catalytic species such as those listed in "materials to avoid".

**11 - TOXICOLOGICAL INFORMATION**

No toxicological data available on product itself.

<u>Hazardous components</u>	LD50, oral (rat)	LD50, Dermal (Rabbit)
Polymer of Epichlorohydrin, Phenol Formaldehyde Novolac Resin	> 4000 mg/m <sup>3</sup>	No data found

**12 - ECOLOGICAL INFORMATION**

No specific studies have been conducted on the ecotoxicity or environmental fate of the material. However, commonly available data on ecotoxicity and environmental fate of certain of the constituents of this material indicate that uncontrolled releases to the soil, groundwater, or surface waters should entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases.

**13 - DISPOSAL CONSIDERATIONS**

Consult certified waste disposal contractor for disposal in compliance with international, national and local regulations.

**14 - TRANSPORT INFORMATION**Land Transport

UN-No	3077
Class	9
Proper shipping name	Environmentally hazardous substance, Solid, N.O.S, Epoxy Resin
ADR/RID-Labels	9
Hazard Identification Number	90
Packaging Group	III

Sea Transport

UN-No	3077
Class	9
Proper shipping name	Environmentally hazardous substance, Solid, N.O.S, Epoxy Resin
Packaging Group	III
Marine Pollutant	No

Air transport

UN-Number	3077
Class	9
Packaging Group	III
ICAO-Labels	9

Proper shipping name  
Packing Instruction Passenger  
Packing Instruction Cargo

Environmentally Hazardous Substance, Solid, N.O.S, Epoxy Resin  
911  
911

**15 - REGULATORY INFORMATION**



N – Dangerous for the environment



Xi - Irritant

EC Labels

Classification according to European directive 1999/45/CE on classification of hazardous preparations

Symbols

Xi – irritant  
N – Dangerous for the environment

R-phrases(s)

R36/38 – Irritating to eyes and skin.  
R43 - May cause sensitization by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S24 - Avoid contact with the skin  
S28 – After contact with skin, wash immediately with plenty of water and soap  
S37 - Wear suitable gloves  
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

The above regulatory prescriptions are those valid on the date of publication of this sheet.

**16 - OTHER INFORMATION**

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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