

CARBON V•ROD

MATERIAL SAFETY DATA SHEET Carbon Composite Reinforcement Bar V•ROD™

SECTION ONE

Product and Company Information

Product Name: Carbon V•ROD™

Manufacturers Name: Pultrall, Inc.
Corporate Address: 700 9th Street
Thetford Mines, Quebec G6G 6Z5

Phone: 418/335-3202
Fax: 418/335-5117
Country: Canada
Product Use: Reinforcement of concrete and unreinforced masonry structures

DOT Shipping Name: Not a restricted article
DOT Hazard Class: Does not apply

SECTION TWO

List of Ingredients

Carbon Fibre Tows
Modified Vinyl Ester Resin
Organic Peroxide
Silica Sand

Mold Release
Styrene Monomer
Pigment

SECTION THREE

Physical and Chemical Characteristics

Boiling Point - Does not apply
Specific Gravity - 1.67
Vapor Density - Does not apply
Evaporation Rate - Does not apply
pH - Does not apply
Freezing Point - None

Solubility in Water - Nil
Appearance - Solid mass
Reactivity in Water - Does not apply
Vapor Pressure - Does not apply
Ignition Temperature - Do not expose to direct flame
Color - Black

SECTION FOUR***Hazards Identification***

Potential Health Effects:	Not considered to be a hazardous material under normal use.
Primary Route of Entry:	Inhalation; skin and eye contact of dust produced while cutting.
Ingestion:	Non-Toxic. Not likely route of exposure.
Skin Contact:	Possible irritation. Cleanse skin with mild soap and running water. Use a washcloth to help remove fibres. Do not rub or scratch affected areas. Never remove fibres with compressed air; rather, use vacuum equipment to remove fibres from clothing. Have access to safety showers and eye wash stations.
Eye Contact:	Flush eyes with running water for at least 15 minutes. Eye protection should consist of safety glasses, goggles or face shield.
Respiratory:	Move person to fresh air. Suspended airborne particles of dust of respirable size may be present when product is being cut. Wear a proper fitting respirator, such as a 3M 6000 series with dust filter while cutting. Use vacuum equipment to clean up product dust; avoid dry sweeping or using compressed air.

Seek Medical Attention if irritation of any type persists.

SECTION FIVE***Miscellaneous Information***

Storage:	Keep out of direct sunlight.
Waste Disposal:	Scrap may be disposed of in a sanitary landfill in accordance with federal, state and local regulations.
Special Shipping Information:	None.
Safety Instructions:	Always use eye protection when cutting. Wear loose fitting long sleeved shirts that cover to the base of the neck, long pants and gloves. Use vacuum equipment to clean up clothing and waste product. Avoid dry sweeping or using compressed air. Have access to safety showers and eye wash stations. Wash work clothes separately from other clothing.
Cutting Instructions:	Use hacksaw, diamond or grit blades for cutting. Do not use direct flame. Do not use shear cutter.

SECTION SIX***Special Precautions***

Carbon fibre is electrically conductive. It may cause short circuit of electrical apparatus, especially when airborne fibres are drifting in the vicinity. Install adequate ventilation to prevent troubles caused by airborne fibres. Precautions are as follows:

- Be cautious in handling carbon fibre. Do not touch, cut or break it unnecessarily.
- Place in sealed plastic for disposal.
- Bury in designated ground in accordance with local and national regulations.
- Do not incinerate. Incineration may generate airborne fibres that cause electrical malfunction.
- To avoid short circuits, it is recommended that electrical apparatus be isolated from the room in which fibre is handled. Insulation paint should be applied to the terminals.

