



An Innovated Company in Fiber Products Manufacturing

MATERIAL SAFETY DATA SHEET

Section 1: Product and Company Identification

Trade Name: CaroMat
Manufacturer: BSP
Address: P.O. Box 68 – 600 E. Main Street
Elkin, N.C. 28621
Telephone: (336) 835-5153

Section 2: Product Ingredients

Ingredients: Fiber E-Glass Continuous
Filament (non respirable)

Section 3: Physical Data

Vapor Pressure (mm Hg @ 20oC):	Not Applicable
pH:	Not Applicable
Vapor Density (Air=1):	Not Applicable
Specific Gravity (Water=1):	2.60
Boiling Point:	Not Applicable
Solubility in Water:	Insoluble
Viscosity:	Not Applicable
Appearance:	Solid
Physical State:	Solid
Odor Type:	None
Freezing Point:	Not Applicable
Evaporation Rate (n-Butyl Acetate=1):	Not Applicable

Section 4: First Aid Measures

Inhalation: Move person to fresh air. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid more irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into skin. Seek medical attention if irritation persists.

Ingestion: Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur.

Section 5: Fire Fighting Measures

Flammability Limits (%): None.

Auto Ignition Temperature: Not Applicable.

Or dry chemical.

Extinguishing Media: Water, foam, CO2

Unusual Fire and Explosion Hazards: None known.

Fire Fighting Instructions: Use self-contained breathing apparatus (SCBA) in a sustained fire.

Hazardous Combustion Products: Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined compounds could be released in small quantities.

Section 6: Health Hazards

Appearance and Odor: White/off-white colored solid with no odor.

Emergency Overview-No unusual conditions are expected from this product.

Primary Route(s) of Exposure: Inhalation, skin, eye

Potential Health Effects:

ACUTE (short term): Fiberglass continuous filament is a mechanical irritant. Breathing dusts and fibers may cause short term irritation of the mouth, nose and throat. Skin contact with dust and fibers may cause itching and short term irritation. Eye contact with dust and fibers may cause short-term mechanical irritation. Ingestion may cause short-term mechanical irritation of the stomach and intestines.

CHRONIC (long term): There is no known health effects connected with long-term use or contact with this product.

Medical Conditions Aggravated by Exposure: Long term breathing or skin conditions that are aggravated by mechanical irritants may be at a higher risk for worsening from use or contact with this product.

Section 7: Accidental Release Measures

Land Spill: Scoop up material and put into suitable container for disposal as a non-hazardous waste.

Water Spill: This material will sink and disperse along the bottom of waterways and ponds. It can not easily be removed after it is waterborne; however, the material is non-hazardous in water.

Air Release: This material will settle out of the air. If concentrated on land it can then be scooped up for disposal as a non-hazardous waste.

Section 8: Handling and Storage

Storage Temperature: Not applicable.

Storage Pressure: Not applicable.

General: No special storage or handling procedures are required for this material.

Section 9: Exposure Controls and Personal Protection

Ingredient

	OSHA PEL ACGIH TLV (8 hr twa)	(8 hr. twa)
Fiber Glass Continuous:	5 mg/m ³ (Respirable dust)	10 mg/m ³ (Inhalable)
	15 mg/m ³ (Total Dust)	3 mg/m ³ (Respirable)
	1 fiber/cc (Proposed)	-- --
Size:	None Established	None Established

Ventilation: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits.

Personal Protection:

Respiratory Protection: A properly fitted NIOSH/MSHA approved disposable dust respirator such as the 3M model 8210 (or 8710) or model 9900 (in high humidity environments) or equivalent should be used when: High dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR1910.134.

Skin Protection: Loose fitting long sleeved shirt that covers to the base of the neck, long pants and gloves. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

Eye Protection: Safety glasses or goggles.

Work and Hygienic Practices: Handle using good industrial hygiene and safety practices. Avoid unnecessary contact with dusts and fibers by using good local exhaust ventilation. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum equipment (never use compressed air and always-wash work clothes separately from other clothing. Wipe out the washer or sink to prevent loose glass fibers from getting on other clothing). Keep the work area clean of dusts and fibers made during fabrication by using vacuum equipment to clean up dusts and fibers (avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air). Have access to safety showers and eye wash stations.