

**Kardol Quality Products**  
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**MATERIAL SAFETY DATA SHEET**  
# 501870, 501871, 501872 & 501873  
Trade Name: Packaged Fiberglass Mat

**Section 1: Material Identification**

Chemical Name	CAS #	Weight Percent	Occupational Exposure Limits			Vapor PI@ Temp MM Hg
			OSHA PEL	ACGIH TLV	Other	
Fibrous Glass Filament (non respirable)	65997-17-3	98-100%				
Nonrespirable Filaments & Particulate		>98%		15 mg/m3 (total dust)		
Respirable particulate		<1%		5 mg/m3 (respirable dust)		
Respirable part. W/ glass shards		<0.002%		None Established		
Size Mixture		0-2%		None Established		

**Section 2: Physical & Chemical Properties**

Boiling Point:	N/A
Vapor Density:	N/A
Vapor Pressure:	N/A
Specific Gravity:	2.6 (water = 1)
Appearance & Odor:	Solid w/ no odor
Solubility in Water:	In-Soluble

**Section 3: Fire & Explosion Hazard Data**

Flash Point:	None
Flammability Limits:	None
Extinguisher Media:	Foam, carbon dioxide, dry chemical, water fog
Special Fire Fighting:	Fire-fighter should wear self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.
Unusual Fire Hazard:	None Known
Hazard Combustion Products:	Primary combustion products are carbon monoxide, carbon dioxide and water. Other undermined compounds could be released in small quantities.

**Section 4: Reactivity Hazard Data**

Stability:	Stable, Polymerization will not occur.
Conditions to Avoid:	Heat, open flames, static electricity, electrical equipment, pilot lights, sparks and all other sources of ignition.
Avoid:	Strong acids, alkalies, and oxidizers.
Hazardous Decomposition:	Thermal decomposition or combustion can produce fumes containing organic acids, carbon dioxide, carbon monoxide and smoke.

**Section 5: Health Hazard Data**

**Primary Routes of entry: Inhalation, skin, and eyes.**

**Medical Conditions Aggravated by Exposure: Respiratory or skin conditions that are aggravated by mechanical irritants may be at an increased risk for worsening from exposure to this product.**

**Potential Health Effects:**

**Acute(short term):** Fiber glass continuous filament is a mechanical irritant. Breathing dust 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 chronic health effects connected with long term use or contact with this product. In a laboratory test of a different product with comparable composition and durability, animals breathing very high concentrations of respirable fibers on a long term basis developed fibrosis, lung cancer, and mesothelioma.

**EMERGENCY FIRST AID PROCEDURE:**

**Eye Contact:** Flush promptly with large amounts of water for 15 minutes, seek medical attention immediately.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. If redness or irritation persists, seek medical attention.

**Inhalation:** Remove victim to a well ventilated area. Use oxygen or artificial respiration as required. Seek medical attention if breathing difficulty persists.

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

**Section 6: Control and Protective Measures**

**Respiratory Protection:** A properly fitted NIOSH/MSHA approved disposable dust respirator should be used when high dust levels are encountered or the level of glass fibers in the air exceeds the occupational exposure limits.

**Eye Protection:** Safety glasses, goggles or face shield

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

**Work/Hygienic Practices:** Eye wash and safety showers in the work place are recommended. Always wash hands after using this product and before eating or smoking. Keep work area clean of dust and fibers. use a vacuum to clean up product. Avoid unnecessary exposure by using adequate local exhaust ventilation. Always wash work clothes separately from other clothing

**Section 7: Toxicological Information**

**CARCINOGENICITY:** The table below indicates whether or not each agency has listed each ingredient as a carcinogen:

Ingredient	ACGIH	IARC	NTP	OSHA	97/69/EC
Fiber glass continuous Filament	A4	3	No	No	No
Size	No	No	No	No	No

**ACGIH: A4 not classifiable as a human carcinogen**  
**IARC 3: Not classifiable as a human carcinogen**  
**\*includes: Non-respirable glass particulate, respirable glass particulate and respirable particulate with fiber-like dimensions (glass Shards)**

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not incinerate closed or empty containers. This material is not expected to cause harm to animals, plants or fish.

**LAND SPILL:** Scoop up material and put into suitable container for disposal as non-hazardous waste.

**WATER SPILL:** This material will sink and disperse along bottoms of waterways and ponds. It cannot be easily 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 be scooped up for disposal as a non-hazardous waste.

**Other Precautions:** Do not take internally. Wash hands after use and before eating or smoking. Empty containers may contain hazardous residue and explosive vapors. Keep away from heat, sparks and flame. Do not cut, puncture or weld on or near emptied containers. Follow all hazardous precautions given in this data sheet until the container is thoroughly cleaned or destroyed. Employees should be trained in safety measures consistent with using this product.

No Special storage or handling procedures are required for this material.

<b>DOT</b>	<b>HAZARD INDEX</b>
Shipping Name:	Health: 1
Not Regulated	Flammability: 0
NA: Not Applicable	Reactivity: 0

**24 HOUR EMERGENCY NUMBER**  
**1-800-424-9300**

**KEEP OUT OF REACH OF CHILDREN!!!!**