

Ferotec Friction, Inc.

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Material Safety	D9704	Data Sheet
Telephone: (717) 492-9600 Revision Date: 8/1/2013 Fax: (717) 492-9601		
I. Product Information:		
Product Name: D9704		
Trade Name: Medium - low friction flow molded friction composite.		
II. NFPA (0 = No Hazard; 4 = Severe Hazard):		
Health = 1	Reactivity = 0	Fire = 1
III. Ingredient Information:		
Hazardous Components	C.A.S. Number	Percent
		OSHA PEL (mg/m³)
		ACGIH TLV (mg/m³)
*Barium Sulfate	7727-43-7	10-18
Fiberglass	65997-17-3	5-15
Graphite	7782-42-5	6-9
Phenolic Resin	Mixture	12-24
Rubber	9003-55-8	5-15
Mineral Wool Fibers	Not listed	7-25
		15
		10
		Not Listed
		Not Listed
		15
		10
The above chemicals marked with an asterisk (*) are subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Part 372 Part C-Supplier Notification Requirement.		
IV. Physical Data:		
Boiling Point (°F):	NA	Evaporation Rate (Butyl Acetate = 1) NA
Vapor Pressure (mm Hg):	NA	Specific Gravity (Water = 1): 1.87
Water Solubility (%):	NA	Melting Point (°F): NA
Vapor Density (Air = 1):	NA	% Volatile by Volume: NA
Appearance And Odor:	Gray/black rigid product with little or no odor	
V. Fire and Explosion Data:		
Flash Point (°F):	NA	Flammable Limits: LEL = NA UEL = NA
Extinguishing Media:	Water, foam, dry chemical	Unusual Fire and Explosion Hazards: None
Special Fire Fighting Procedures:	In a sustained fire, self-contained breathing apparatus (SCBA) should be worn.	
VI. Health Data: A. Summary/Risks:		
<u>Mineral Wool Fiber:</u> Limited evidence of carcinogenicity in humans. However, IRAC concluded that Mineral Wool Fiber should be placed in Category 2B, possibly carcinogenic to humans. <u>Continuous Filament Fiberglass:</u> Inadequate evidence of carcinogenicity in both human and animal scientific studies to link this fiber to human cancer. Therefore, classified as Group 3.		
Clinical Conditions Which May Be aggravated: Any condition generally aggravated by mechanical irritants in air or on skin.		
Target Organs:	Lungs, skin.	
Acute Health Effects:	Temporary irritation of the mouth, nose, and throat.	

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Chronic Health Effects: Designated by IARC as "not classifiable as to human carcinogenicity." Not listed by NPT or by OSHA.		
Primary Routes of Entry: Inhalation		
VI. Health Data: B. Signs/Symptoms of Overexposure:		
Inhalation: May cause temporary upper respiratory irritation.		
Skin Contact: Acute - Transient mechanical irritation. Chronic - None.		
Ingestion: Acute - Unlikely to occur. Observe individual, if symptoms develop, consult physician. Chronic - None known.		
Eyes: Acute - Direct contact will cause mechanical irritation. Chronic - None known.		
VI. Health Data: C. First Aid/Emergency Procedures:		
Inhalation: Remove from exposure. Get medical help if irritation persists.		
Skin Contact: Wash with mild soap and running water.		
Ingestion: Unlikely. Consult physician if unusual reaction is noted.		
Eyes: Flush with flowing water for at least 15 minutes. If symptoms persist, seek immediate medical attention.		
VII. Reactivity Data:		
Conditions to Avoid: Avoid creating dust. Vacuum when possible.		
Hazardous Decomposition Products: Incomplete combustion may release toxic materials.		
VIII. Spill or Leak Procedures:		
Procedures for Spill/Leak: Use vacuum if dust is involved.		
Waste Management: In accordance with state and local regulations.		
IX. Special Protection Information:		
Goggles: May be appropriate in certain operations.		
Gloves: May reduce skin irritation in some operations.		
Respirator: NIOSH approved nuisance dust respirator if TLV is exceeded.		
Ventilation: Use local exhaust ventilation.		
Other: Wear long sleeved shirts, loose fitting clothing and use good personal hygiene.		
Special Consideration for Repair & Maintenance of Contaminated Equipment: NA		
X. Special Considerations:		
Special Handling/Storage: Store in a dry place. Label information: "Any fiber or dust may be a hazard to your health. Use respirators and/or dust control measures as well as eye protection when handling or processing this product. Do not ingest."		
Other: Wash with mild soap and warm water after handling. Wash work clothes separately.		
<i>The information and recommendations set forth herein are taken from sources believed to be accurate as of the date thereof; however, Ferotec Friction makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.</i>		