

Ferotec Friction, Inc.

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Material Safety	D3001	Data Sheet
Telephone: (717) 492-9600 Revision Date: 08/01/2013 Fax: (717) 492-9601		
I. Product Information:		
Product Name: D3001		
Trade Name: Molded Friction Product		
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)
Aluminum Oxide	1344-28-1	.5-3.5
*Barium Sulfate	7727-43-7	4-8
Graphite	7782-42-5	10-25
Magnesium Oxide	1309-48-4	1.5
Phenolic Resin	Mixture	5-15
		Not Listed
		Not Listed
The above chemicals marked with an asterisk (*) are subject to Section 313 of Title III of the Superfund Amendments and R- eauthorization Act of 1986 (SARA) Part 372 Sub 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):
		3.20
Water Solubility (%):	NA	Melting Point (°F):
		NA
Vapor Density (Air = 1):	NA	% Volatile by Volume:
		NA
Appearance And Odor:	Dense, gray-black solid composite	
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:		
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.	
Chronic Health Effects:	Studies have not shown any consistent evidence of pulmonary disease.	

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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: None		
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, Inc. 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>		