



Revised 8/1/88

**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910, 1200.  
Standard must be consulted for specific requirements.

The product identity on this page meets the OSHA definition of an article and is exempt from the Hazard Communication Standard as to all normally careful uses. Some potential may exist for exposure to dust.

The ingredients in these products are resin-bonded and hazards normally associated with contact to pure dusts of the listed ingredients should not be significant. Abex has listed all of the essential ingredients present in a series of products of this general description. All products identified on this MSDS contain asbestos and lead but will not contain all of the other materials shown. The recommended exposure limits are those for the most hazardous substance in a class of substances. Exact formulation is considered proprietary and confidential. Precise product information will not be disclosed, other than to a health professional in accordance with the regulations, without an approved Secrecy Agreement.

The information herein is believed to be accurate, however, Abex makes no representation or warranty as to its accuracy. This data is furnished gratuitously and independently of any sale of the product, and only for customer investigation and independent verification.

Abex shall in no event be responsible for any damages of whatever nature directly or indirectly resulting from the publication or use of or reliance upon data contained herein. No express or implied warranty of any kind, including warranties of merchantability or fitness for use, with respect to the product or to the data herein is made hereunder.

**IDENTITY (As Used on Label and List)**

38-27E, 83-2, 261-1&2, 337-1, 435-(4, 6&7), 608-2, 693-388, 504, ABEX (615GF, 658FF, 667FF, 661FF, 662FF, 628GG, 658FE, 655FF), ABB (215GF, 249FF, 250FF, 272FF, 268FF, 269FF, 219GG, 253FE), COM (313GF, 361FF, 362FF, 346FF, 394FE, 343FF, 344FF, 317GG, 255

**SECTION I**

**Manufacturer's Name:** ABEX CORPORATION  
Friction Products Division

**Emergency Telephone Number** (703) 662-3842

**Telephone Number for Information** (703) 662-3871

**Address:** (Number, Street, City, State, Zip Code)

2410 Papermill Road, P.O. Box 3250  
Winchester, VA. 22601

**Date Prepared** November 12, 1985

**Preparer** M. K. Leung

**SECTION II - Hazardous Ingredients/Identity Information****Hazardous Components**

(Specific Chemical Identity: Common Name(s))

OSHA PEL ACGIH TLV

|                                               |                        |                        |
|-----------------------------------------------|------------------------|------------------------|
| Asbestos (Crysotile), Talc                    | 0.2 fibers/c.c.        | 2 fibers/c.c.          |
| Silica, Silicates, Tripoli                    | 0.1 mg/M <sup>3</sup>  | 0.1 mg/M <sup>3</sup>  |
| Carbon Black, Graphite, Coal, Coke            | 2.0 mg/M <sup>3</sup>  | 2.0 mg/M <sup>3</sup>  |
| Phenolic and Elastomer Compounds              | 19.0 mg/M <sup>3</sup> | 19.0 mg/M <sup>3</sup> |
| Wood Flour and Other Fillers                  | 1.0 mg/M <sup>3</sup>  | 1.0 mg/M <sup>3</sup>  |
| Iron, Zinc, Aluminum, Brass, and their Oxides | 10.0 mg/M <sup>3</sup> | 10.0 mg/M <sup>3</sup> |
| Lead and its Compounds                        | 0.05 mg/M <sup>3</sup> | 0.15 mg/M <sup>3</sup> |

**SECTION III - Physical / Chemical Characteristics**

|                                                                                        |    |                                              |                      |
|----------------------------------------------------------------------------------------|----|----------------------------------------------|----------------------|
| <b>Boiling Point</b>                                                                   | NA | <b>Specific Gravity (H<sub>2</sub>O = 1)</b> | 1.6 - 2.8            |
| <b>Vapor Pressure (mm Hg.)</b>                                                         | NA | <b>Melting Point</b>                         | NA                   |
| <b>Vapor Density (Air = 1)</b>                                                         | NA | <b>Evaporation Rate (Butyl Acetate = 1)</b>  | 0                    |
| <b>Solubility in Water</b> No                                                          |    |                                              |                      |
| <b>Appearance and Odor</b> Solid, Light Tan to Dark Grey Color, Friction Material Odor |    |                                              | Warner SBC-25-000013 |