



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name DLB040
Version # 03
Revision date 01-22-2016
Product Name DLB040 Friction Material (Asbestos free)
Manufacturer information Shandong Double Link Brake Material Co., Ltd.
 No. 8, Haicheng Street, Rushan City,
 Shandong Province, 264500, China
 Telephone Number: 0086- 631-660-8097
 Attn: Jiaju Geng

2. Hazards Identification

Physical state Solid.
Appearance Greyish solid
Emergency overview WARNING
 Exposure to airborne dust may cause eye, skin and respiratory tract irritation. May cause allergic skin reaction.
 High concentrations of dust may form explosive mixture with air.

Potential health effects Inhalation. Eye contact. Skin contact.
Routes of exposure Dust may irritate the eyes.
Eyes Dust may irritate skin. May cause allergic skin reaction.
Skin May cause respiratory tract irritation. Dust may irritate throat and respiratory system and cause coughing.
Inhalation May cause discomfort if swallowed.
Ingestion Eyes. Skin. Respiratory system
Target organs Frequent inhalation of fume/dust over a long period of time increases the risk of developing lung diseases.
Chronic effects Upper respiratory tract irritation. Coughing. Irritation of eyes and mucous membranes. Skin irritation. Sensitization.
Signs and symptoms The product components are not classified as environmentally hazardous. However, this does not
Potential environmental effects exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|---|------------|---------|
| Straight Phenolic Resin Asbestos free | 9003-35-4 | 15-17% |
| Cashew nutshell Polymer Asbestos free | 68583-06-2 | 10-18% |
| Synthetic Barium Sulfate Asbestos free, less than 0.1% Crystalline Silica | 7727-43-7 | 13-16% |
| Glass Fiber Asbestos free | 65997-17-3 | 13-15% |
| Powder Aluminum Oxide Asbestos free | 1344-28-1 | 1-3% |
| Synthetic Graphite Asbestos free | 7782-42-5 | 5-8% |
| Calcium Carbonate Asbestos free | 1317-65-3 | 25-28% |
| Calcium Hydroxide Asbestos free | 1305-62-0 | 6-9% |

4. First Aid Measures

First aid procedures

Eye contact Dust in the eyes: Do not rub eyes. Immediately flush with plenty of water for at least 15 minutes.
Skin contact Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Inhalation Flush skin thoroughly with water. Get medical attention if irritation develops or persists.
 Move to fresh air. Get medical attention if any discomfort continues.