

NTA**MATERIAL SAFETY DATA SHEET****MSDS - 020 BRAKE SHOE LINING**

ISSUE DATE : May 1, 2010

B5599R

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: Premium Brake Shoe Lining FF NTA

Chemical Family Name: Semi-metallic Friction Material

Use for the product: Automotive brake application

Identity found on box and product

Manufacturer's Name: Newtek Automotive Distribution .c.

Address: 1574 Eagle Street North, Cambridge, Ontario, Canada N3H 4S5

Tel: (519) 650-1700 Fax: (519) 650-1608

SECTION 2 INGREDIENTS AND HAZARDS

Hazards Components	ACGIH TLV
Specific Chemical Identify: Common Name(s)	
Ceramic/mineral Fiber	5.0 mg/cm ³³
Steel Fiber	8.0 mg/c m ³³
Silicate Filler (silicates)	2.0 mg/cm ³³
Graphite/Petroleum Coke/Carbon Black	5.0 mg/m ³³
Cashew Friction Particle	5.0 mg/m ³³
Phenolic resins	5.0 mg/m ³³
Barium Sulfates	10.0 mg/m ³³
Aluminum Oxide	5.0 mg/m ³
Iron Oxides	10.0 mg/m ³
Calcium Carbonates	15 mg/m ³
Iron Powder	5.0 mg/m ³³
Magnesium Oxides	10.0 mg/m ³
Nitrite Rubber	5.0 mg/m ³³

Above listed components are part of a phenolic resin bonded system. The mix of those materials is pressed, cured and finished into a specific shape. The combination of those ingredients has created a bound product that is chemically very stable.

SECTION 3 HAZARDS IDENTIFICATIONRoute(s) of Entry: Inhalation? yes Skin? yes Ingestion? no

Health Hazards (Acute and Chronic):

Long Term Effects: Some persons may be sensitive to phenol resins and develop dermatitis-type problems. Overexposure of dust of Alumina, Barium Sulfates, Calcium Carbonates, Phenolic and Cashew resins and silica's, graphite's, and petroleum coke can

cause physical irritation and produce pneumoconiosis and lung damage.

SECTION 4 FIRST AID MEASURES

First aid should not be necessary from reasonable handling of this product. To ensure safety of workers provide adequate ventilation when working with the product. If over exposed to the dust of friction lining, move out from the area and provide water and fresh air. If rash develops, please clean rash area with plenty of water and apply skin cream.

SECTION 5 FIRE-FIGHTING MEASURES

Flash Point: NA Flammable Limits: NA

Extinguishing Media: water, extinguisher class A, B, C.

Special Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus.

Unusual fire and Explosion Hazards: Flammable in oxygen-rich atmosphere

Personnel not having suitable respiratory protection should leave the area to prevent significant exposure to toxic combustion gases from any source.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill and leak procedures: NA

SECTION 7 HANDLING AND STORAGE

Precaution to be taken in handling and storage:

Sparks may be produced under some grinding conditions: Grinding, drilling, milling, can result in the release of airborne dust. Use vacuum to avoid dust dispersal. Storage in a dry place.

SECTION 8 EXPOSURE CONTROLS-PROTECTION

Respiratory protection: Appropriate mask for persons

Ventilation: Local exhaust for dust exposures exceeding TLV. Mechanical: not recommended for dust exposures.

Protective gloves: Recommended for persons with skin sensitive to phenol resins. Other barrier creams for persons with skin sensitive to phenol resins and glass fiber.

Eye protection: Should not be needed for normal handling of product. Eye protection is good practice where dust is propelled by grinding or drilling activities.

Other protective clothing or long sleeve shirts or other protective clothing may be beneficial to prevent skin contact of person sensitive to phenolic resins and ceramic/mineral fiber.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA Vapor Pressure: NA

Vapor Density: NA Solubility in Water: None

Melting Point: NA Evaporation Rate: 0

Specific Gravity: 2.45 ± 0.05 g/cm³ Physical State: Solid

Appearance and Odor Black color and slight resin phenol odor

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable Conditions to avoid: NA

Incompatibility (material to avoid):

Not Known

Hazards polymerization: may Occur

Condition to avoid: NA

Hazardous Decomposition of Products:
and dioxide.

Incomplete combustion will create carbon monoxide

