



## MATERIAL SAFETY DATA SHEET

According to ISO 11014-1

MSDS NA/801 - LA/720

Date of Issue: May/2011

Issue: 1st

Last Update Date: May/2011

### Taro Distributors PTY LTD -Authorized Dealer in Australia

Address: 3/92 Bryant Street - Padstow. - N.S.W. 2211

Phone 02-97743011 - Fax 02-9774288 - Email [sales@taro.com.au](mailto:sales@taro.com.au)

## SECTION 01 – PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: Brake Lining – **NA/801 - LA/720**

Chemical Family Name: Non Asbestos Friction Material

Use for the product: In brake application

Manufacturer's Name: FRAS-LE S.A

Address: RS 122 – Km 66 – nº 10945 – Bairro Forqueta – Caxias do Sul – 95010.550 – RS – Brasil

Telephone Number for Information: +55 54 3289-1000 - Fax +55 54 3289-1921.

## SECTION 02 – INGREDIENTS AND HAZARDOUS

Hazardous Components	ACGIH –TLV/ <b>NOHSC</b> - TWA *
Inorganic Fiber	1f /cm <sup>3</sup>
Metallic Fiber	NA
Coke, Graphite	2 mg/m <sup>3</sup>
Rubber	NA
Carbon Black	3,5 mg/m <sup>3</sup>
Phenolic Resin	5 ppm
Phenolic Modified Resin	5 ppm
Metallic Oxides	2 mg/m <sup>3</sup>
Non Fibrous Silicate Filler	3 mg/m <sup>3</sup>

Other Fillers

10 mg/m<sup>3</sup>

Note: This is an asbestos free product.

### SECTION 03 – HAZARDS IDENTIFICATION

Route(s) of Entry:      Inhalation: yes      Skin: yes      Ingestion: no

Health Hazards (Acute and Chronic):

Some persons may be sensitive to phenolic resins and develop dermatitis-type problems. Overexposure of dust of silica, graphite, and coke can produce pneumoconiosis and lung damage.

### SECTION 04 – FIRST-AID MEASURES

Emergency and First Aid Procedures:

Should not be necessary from reasonable handling of this product.

### SECTION 05 – FIRE-FIGHTING MEASURES

Flash Point : NA

Flammable Limits : NA

Extinguishing Media: water fog, CO2 foam as appropriate for surrounding materials.

Special Fire Fighting Producers :

Positive pressure self-contained breathing apparatus should be used. Personnel not having suitable respiratory protection should leave the area to prevent significant exposure to toxic combustion gases from any source.

### SECTION 06 – ACCIDENTAL RELEASE MEASURES

Spill and leak procedures : NA

### SECTION 07 – HANDLING AND STORAGE

Precautions 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.



Hazards polymerization: will not occur      Condition to avoid : NK

Hazardous Decomposition Products: incomplete combustion will create carbon monoxide and dioxide

### SECTION 13 – DISPOSAL CONSIDERATION

Waste Disposal:

Scrap pieces should be disposed of in a way to prevent airborne dust.

Wastes should be placed in sealed container marked with appropriate warning label.

Check local, state and federal regulations.

### SECTION 14 – TRANSPORT INFORMATION

Shipping name: Non – regulated material according to 49 CRF 172. 101 part 171

Hazard Class: Not sublet to DOT Hazardous Material Registry.

### SECTION 16 – OTHER INFORMATION

Maintain good housekeeping practices.

Employees should be properly instructed of control measures as indicated above when there is a need for it.

The amount of dust produced should be controled, being necessary the use of vacuum cleaning.

\* **This product is Non- Hazardous according to health and safety standards, as follows :**

**ACGIH TLV-TWA** - American Conference of Governmental Industrial Hygienists - 2000 Edition

**NOHSC - TWA** – National Occupational Health and Safety Commission

NA – Not Available

NK – Not Known

---

Prepared: Quality Analyst Raw material

Approved: Research and Development Manager