

# FTL135.2 H&S

The ingredients listed in this data sheet are contained in the product identified. Exact formulations are considered proprietary and confidential and as such precise product information will not be disclosed, other than to a health professional in accordance with the regulations, without and approved Secrecy Agreement.

The company 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 the data provided herein. No express or implied warranty of any kind, including warranties of sale of fitness for use.

**PRODUCT IDENTIFICATION: FTL135.2**

**APPLICATION: INDUSTRIAL BRAKES AND CLUTCHES**

## 1.- SPECIFICATIONS

<b>Manufacturer:</b>	Friction Technology LTD
<b>Address:</b>	Friction Technology Ltd Unit 11, (Zone 5), Cibyn. Industrial Estate. Caernarfon. Gwynedd. LL55 WALES
<b>Telephone:</b>	+44(0) 1286 875 197

## 2.- HAZARDS IDENTIFICATION

CLASSIFICATION AND IDENTIFICATION OF HAZARDS	
<b>Hazards for the humans:</b>	Exposure to dust created by handling of this product should be kept as low as reasonably practicable limits. Handling of product may cause skin irritation.
<b>Hazards for the environment:</b>	NK

## 3.- COMPOSITION INFORMATION

Name	CAS N°	EG-N°	Concentration	Exposition Limits	Risk Phrases
<b>Calcium hydroxide:</b>	1305-62-0	215-137-3	<1-5%	5mg/m <sup>3</sup>	R38, R41,R37, Xi
<b>Chromium oxide:</b>	1308-38-9	215-160-9	<1-5%	2mg/m <sup>3</sup>	

#### 4.- EMERGENCY AND FIRST AID PROCEDURES

<b>Inhalation:</b>	Avoid breathing dust, if happens move to fresh air. Get medical attention in case of persistent cough
<b>Ingestion:</b>	If dust is swallowed, rinse mouth with water and obtain medical advice
<b>Skin contact:</b>	Wash with soap and water for 15 minutes. Obtain medical advice if irritation
<b>Eye contact:</b>	Irrigate with large amounts of water. Obtain medical advice if irritation does not disappear

#### 5.- FIRE HAZARD DATA

<b>Extinguisher:</b>	Foam, water, carbon dioxide and ABC-powder
<b>Exposure hazards:</b>	Heated to very high temperatures, may give off toxic smokes.
<b>Protective equipment:</b>	Wear self-contained breathing equipment

#### 6.- ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid breathing and inhalation of dust. Use PPE as identified in Section 8
<b>Cleaning measures:</b>	NA
<b>Environmental Precautions:</b>	NA

#### 7.- HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Provide appropriate exhaust ventilation at places where dust is formed. Don't use brushes, pressure air or hazardous agents to clean. The use of vacuum cleaner is recommended.
<b>Storage:</b>	Keep the material stored in a clean and dry room at room temperature away from acids and bases.

#### 8.- EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Information about design of technical facilities:</b>	Ensure ventilation to maintain airborne dust levels to below established exposure standard. Use vacuum to remove dust instead of compressed air
<b>Respiratory Protection:</b>	Wear respiratory equipment type FFP2 if exposure limits are exceeded
<b>Skin protection:</b>	Handle with gloves and wear suitable protective clothing, e.g. general overalls
<b>Eye protection:</b>	Use appropriate goggles when machining or abrading products

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Green solid
<b>Odour:</b>	Characteristic friction material odour
<b>Flammability:</b>	Will burn at elevated temperatures and when finely divided
<b>Water Solubility:</b>	Practically insoluble
<b>Explosive Properties:</b>	Non-hazardous as supplied but dust from grinding can presents an explosion hazard.
<b>Relative Density</b>	1.9g/cm <sup>3</sup>

## 10.- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous decomposition products:</b>	Carbon monoxide, aromatic and aliphatic hydrocarbons can be released at over 300°C
<b>Incompatibility with materials:</b>	Acids, bases and organic solvents
<b>Conditions to avoid:</b>	Prolonged exposure to elevated temperatures, >300°C

## 11.- TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	NK
<b>Eye contact:</b>	May cause irritation
<b>Skin contact:</b>	May cause irritation
<b>Ingestion:</b>	NK

## 12.- ECOLOGICAL INFORMATION

<b>Eco Toxicity:</b>	NK
<b>Mobility:</b>	NA
<b>Biodegradation:</b>	NK
<b>Bio Accumulation:</b>	NK

### 13. - DISPOSAL CONSIDERATIONS

<b>General:</b>	Seal all dust created by abrading in impervious bags and dispose to a suitable licensed landfill site
<b>Disposal Methods:</b>	Remove all packaging for recovery or incinerate/landfill

### 14. - TRANSPORT INFORMATION

<b>Transport:</b>	Not classified as dangerous for conveyance. Use any container of suitable size and length
-------------------	---

### 15. - REGULATORY INFORMATION

<b>EEC Classification:</b>	NA
<b>Danger Symbol:</b>	No duty label

### 16. - OTHER INFORMATION

<b>Issued By:</b>	Friction Technology LTD
<b>Issue Date:</b>	17/11/2017
<b>Further Information:</b>	<p>Health and Safety Executive Guidance Notes</p> <p>EH40/2000 - Occupational Exposure Limits 2000</p> <p>EH46 - Man-Made Mineral Fibres</p> <p>MDHS14 - General Methods for the Gravimetric Determination of Respirable and Total Inhalable Dust.</p> <p>MDHS59 - Man-Made Mineral Fibre</p>
<b>Note:</b>	<p>This information is based on our present knowledge and is accurate at the date of issue, to the best knowledge of Friction Technology Ltd. However, it shall not constitute a guarantee for any specific product featured and shall not establish a legally contractual relationship and condition or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.</p>