

# FTL 146 H&S

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**PRODUCT IDENTIFICATION: FTL146**

**APPLICATION: INDUSTRIAL BRAKES AND CLUTCHES**

## 1.- SPECIFICATIONS

<b>Manufacturer:</b>	Industrial Clutch parts Ltd.
<b>Address:</b>	Industrial Clutch parts Ltd. Unit 11, Bingswood industrial Estate, Whaley Bridge, High Peak, United kingdom SK23 7EL
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## 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 and limits in section 2 observed. Handling of product may cause skin irritation.
<b>Hazards for the environment:</b>	NK

## 3.- COMPOSITION INFORMATION

Name	Concentration
<b>Mineral fibres:</b>	<30%
<b>Glass fibre:</b>	<20%
<b>Barium sulphate:</b>	<20%
<b>Colton fibre:</b>	<10%
<b>Graphite:</b>	<10%
<b>Para-aramid fibre</b>	<5%

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

<b>Inhalation:</b>	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
<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>	FTL146 is a non-flammable material. Use appropriate extinguisher to the surrounding fire
<b>Exposure hazards:</b>	Heated to very high temperatures, FTL146 may give off toxic smokes.
<b>Protective equipment:</b>	Wear self-contained breathing equipment

#### 6. - RELEASED AND SPILL MEASURES

<b>Person related:</b>	Avoid breathing and inhalation of dust. Use PPE as identified in Section 8
<b>Cleaning measures:</b>	Dust has to be collected by cleaned with a wet cloth or vacuum and disposed of in accordance with Section 13,
<b>Environmental Precautions:</b>	NK

#### 7. - HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Provide appropriate exhaust ventilation at places where dust is formed. If this is not possible use approved respirator. Avoid brush, compressed air or other methods to clean up. The use of a vacuum cleaner is recommended
<b>Storage:</b>	Keep the material stored in a clean and dry location

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

<b>Information about design of technical facilities:</b>	Ensure ventilation and use vacuum to remove dust instead of compressed air
<b>Respiratory Protection:</b>	Wear respiratory equipment while machining
<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 products

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black solid
<b>Odour:</b>	NA
<b>Flammability:</b>	Will burn at elevated temperatures
<b>Auto Flammability:</b>	>350°C
<b>Water Solubility:</b>	Insoluble in water
<b>Explosive Properties:</b>	Non-hazardous as supplied but dust from grinding can presents an explosion hazard.
<b>Relative Density</b>	1.8g/cm <sup>3</sup>

## 10.- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous decomposition products:</b>	CO, CO <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> , phenol , formaldehyde and cyanides
<b>Incompatibility with materials:</b>	None
<b>Conditions to avoid:</b>	Prolonged exposure to elevated temperatures, >300°C
<b>Hazardous Reactions:</b>	None, it is an inert material.

## 11.- TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Para-aramid fibres should be regarded as potentially harmful to man as they may cause pulmonary fibrosis
<b>Eye contact:</b>	NK
<b>Skin contact:</b>	NK
<b>Ingestion:</b>	NK
<b>Carcinogenicity:</b>	The US Environmental Protection Agency classified para-aramid fibre as a possible human carcinogen

## 12.- ECOLOGICAL INFORMATION

<b>Eco Toxicity:</b>	NK
<b>Mobility:</b>	NK
<b>Biodegradation:</b>	Not inherently biodegradable
<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 labels:</b>	NA
<b>N° UN:</b>	NA
<b>ADR/RID (by earth/ by railway):</b>	NA
<b>IMO-IMDG (by sea):</b>	NA
<b>ICAO (by air):</b>	NA

### 15.- REGULATORY INFORMATION

<b>CLP Classification:</b>	Not classified. Refer to Health and Safety at Work Act 1974, Control of Substances Hazardous to Health (COSHH) Regulations 1994.
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### 16.- OTHER INFORMATION

<b>Issued By:</b>	Industrial Clutch Parts LTD
<b>Issue Date:</b>	17/11/2017
<b>Further Information:</b>	Health and Safety Executive Guidance Notes EH40/2000 - Occupational Exposure Limits 2000 EH46 - Man-Made Mineral Fibres MDHS14 - General Methods for the Gravimetric Determination of Respirable and Total Inhalable Dust. MDHS59 - Man-Made Mineral Fibre