

# FTL203 H&S

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**PRODUCT IDENTIFICATION: FTL203**

**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

<b>Hazard designation:</b>	No hazards known
<b>Special hazards information for human and environment:</b>	Sharp-edged and fragile in case of fracture or destruction

## 3.- COMPOSITION INFORMATION

<b>Carrier plate:</b>	Glass fibre reinforced, hardened epoxy resin
<b>Sliding layer:</b>	Hardened epoxy resin with solid lubricants

## 4.- EMERGENCY AND FIRST AID PROCEDURES

<b>Inhalation:</b>	If symptoms persist, consult a doctor
<b>Wounds:</b>	Clean thoroughly and remove all residues
<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>	Water, foam, powder, carbon dioxide
<b>Exposure hazards:</b>	Carbon monoxide, Carbon dioxide, NO <sub>x</sub> , Ammoniac, Hydrogen fluoride, Carbonyl fluoride, Tetraflourethylene, Hexafluorpropylene, Perfluorisobutylene
<b>Protective equipment:</b>	Heavy duty respiratory protection.

## 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>	Dust has to be collected by cleaned with a wet cloth or vacuum
<b>Environmental Precautions:</b>	No special precaution required

## 7.- HANDLING AND STORAGE

<b>Keep away from:</b>	Allyl alcohol, butyl alcohol, bromine, chlorine, fluorine, Benzol, methyl chloride, Trichlorethane, hydrofluoric acid, carbonic acid, nitric acid, ammoniac and 100°C water.
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## 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>	If ventilation is insufficient, use respiratory protection devices

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black
<b>Odour:</b>	Odourless
<b>Explosive limit:</b>	NA
<b>Water Solubility:</b>	No
<b>Dangerous reactions:</b>	Combustible product, see chapter 5
<b>Density:</b>	1.4g/cm <sup>3</sup>

## 10.- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable but temperature should preferably not exceed 150°C
<b>Incompatibility with materials:</b>	Avoid contact with substances mentioned in chapter 7
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<b>Conditions to avoid:</b>	NK
<b>Hazardous Polymerization:</b>	Will not occur.

## 11.- TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Combustible product, see chapter 5
<b>Eye contact:</b>	NK
<b>Skin contact:</b>	NK
<b>Ingestion:</b>	NK

## 12.- ECOLOGICAL INFORMATION

<b>Eco Toxicity:</b>	No special measures necessary
<b>Mobility:</b>	No special measures necessary
<b>Biodegradation:</b>	No special measures necessary
<b>Bio Accumulation:</b>	No special measures necessary

## 13.- DISPOSAL CONSIDERATIONS

<b>Disposal:</b>	Disposal must be made according to official regulations. Combustion of glass-fibre wastes does not allow them to be destroyed and could cause problems with the combustion plant by forming a vitreous mass.
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## 14.- TRANSPORT INFORMATION

<b>Transport:</b>	Not classified as dangerous for conveyance. No specific rules for land, water and air.
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## 15.- REGULATORY INFORMATION

<b>Precautionary statements</b>	The product is not classified as a dangerous substance.
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## 16.- OTHER INFORMATION

<b>Issued By:</b>	Friction Technology LTD
<b>Issue Date:</b>	17/11/2017
<b>Bibliographic references:</b>	ECDIN - Environmental Chemical Data and Information Network IUCSID - International Uniform Chemical Information Data Base NIOSH - Registry of Toxic Effects of Chemical Substances ChemDAT - Safety Data Sheets from E. Merck on CD-ROM
<b>Further information:</b>	The information herein is correct at the Reg. 790/2009/CEII product conforms to the requirements provided in Title II of Regulation 1907/2006/EC. (the registration of substances). None of the substances in this product is subject to authorization (annex 14) or is included in the candidate list of this sheet
<b>Note:</b>	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.