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ITT Friction Technologies NOVI, MI

SUBJECT:**Material Safety Data Sheet (MSDS)**

According to 2001/58/CE – DM 09/07/2002 – ISO 11014-1

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3. **EMERGENCY OVERVIEW:** Brake pads are not normally considered hazardous, however operations such as burning, overheating, or machining can create airborne dust that should be avoided. Such actions may cause excessive exposure to ingredients with respect to there limits and should be considered hazardous.

Hazard identifications

The health hazards for eyes and inhalation described below are primarily associated with dusts that may be generated during machining or other such operations. Normal use of this product is not anticipated to result in a health hazard.

Ingestion: May cause irritation, vomiting, and diarrhea
 Eyes: Dusts, if generated, may cause irritation and scratch the surface of the eye.
 Skin: Some persons may be sensitive to partially cured phenolic resins or cashew resins and develop dermatitis-type reactions (irritation) similar to poison ivy.
 Inhalation: Dusts, if generated, may cause respiratory irritation to nose, throat and possibly lungs.
 Chronic Effects None

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

Ingredient Name	NTP Status	IARC Status	OSHA List
No ingredients listed in this section	-----	-----	-----

4. **First aid measures**

****If any of the symptoms persists, seek medical attention immediately****

Inhalation: Remove affected person to fresh air. Request medical attention.

Skin (powder): The product doesn't irritate skin if the right precautionary measures are taken. In any case, wash skin with soap and water after handling parts. If irritation persists seek medical attention.

Eyes (powder): Flush eye with cool running water if dust becomes embedded. Request medical attention if reddening persists.

Ingestion: Request medical attention

5. **Fire fighting measures**

Flashpoint (Method): N/A Flammable Limits: LEL: N/A UEL: N/A

Extinguishing media: CO₂, extinguishing powder or water jet.

Fire fighting equipment: The product must exceed 600°C for an extended period of time, in order to catch fire. Toxic and irritating materials may be released in a fire. Wear self contained breathing apparatus in case dusts are formed during a structural fire.

Hazard connected with the product: ----

6. **Accidental release measures**

If dust is produced during any use or processing of the product, it should be removed using a wet mop or a vacuum equipped with a HEPA filter.