

Safety Data Sheet

Safety Data Sheet Number: MA708
Revision Date: December-19



Section 1: Product and Company Identification

Product Type: Disc Brake Pad
Product Code: MA708
Products marked with edge codes: MA708

Company Identification
FRAS-LE S.A.
RS122, km 66 nº10945
Caxias do Sul -95115.550 - RS
Brazil

Telephone
55 54 3239 1000

Section 2: Hazards Identification

GHS Classification : No classification

Label Elements:

Signal Word: None
Hazards Pictogram: None
Hazards Statements: None

As an article the product does not need to be labelled.

According to the exposure control and individual protection for the manufacture of the final product, as presented in Item 8, it does not characterize any exposure to the health and safety of persons.

Section 3: Composition & Information on Ingredients

Chemical characterization

The friction material contains different inorganic and organic compounds bonded by cure agents.

CAS #	Ingredient name	% by weight
009003-35-4	Phenolic Resin	5,5% - 7,5%
007440-44-0	Carbon	26% - 30,3%
009004-34-6	Cellulose Fiber	0,5% - 1,6%
007439-89-6	Iron	26,5% - 32,5%
007727-43-7	Barium Sulfate	4% - 8,7%
001344-28-1	Aluminum Oxide	1,5% - 2,7%
007440-50-8	Copper	8% - 11,5%
001345-04-6	Antimony Sulphide	7% - 9,8%
001314-13-2	Zinc Oxide	2% - 4%
014940-68-2	Zirconium Silicate	4% - 6,4%

Remaining ingredients are either non-hazardous or are contained within this product below de minimis concentrations.

Contains No Asbestos.

Occupational exposure limits, if available, are listed in Section 8

Section 4: First Aid Measures

First Aid Procedures

Ingestion: Contact a physician.
Inhalation: Remove to fresh air. Contact a physician.
Skin: In case of irritation, remove contaminated clothing and flush affected areas with water. If irritation persists, contact a physician.
Eye: Flush with water for at least 15 minutes. If irritation persists, contact a physician.

Section 5: Fire Fighting Measures

Flash Point: Not applicable
Lower Explosion Limit: Not applicable
Upper Explosion Limit: Not applicable
Autoignition Temperature: Not determined
Suitable extinguishing media : Use water spray, dry chemical, foam or CO2
Specific hazards arising from the chemical: Material will burn in a fire.