

VALEO F 808 MCC

# MATERIAL SAFETY DATA SHEET

CONFIDENTIAL

 Initial Preparation Change

Date of Preparation: 25/09/95

Prepared by: Valeo Friction Materials

Please print or type in English

MSDS Design meets the criteria of the Federal Hazard Communication Rule  
29 CFR Part 1910.1200 Issued Nov. 1983

(Attention Preparator: Mark N/A (Not Applicable) for Sections

where no relevant information has been found

VALEO F 808 MCC

<b>Product Identification</b>	VALEO Friction Material for Clutch Facings F 808 MCC
Name on Label	---
Chemical Name(s)	Cas No:
Common Name(s)	---
Manufacturer's Name	VALEO - Matériaux de friction Clutch Facing Division
Address:	Z.I. Nord, rue Thimonnier, BP 1532 F- 87020 Limoges Cedex 09, France
Regular Telephone Number (33) 55 04 36 00	Emergency Telephone Number ---

## Hazardous Ingredients

A. Hazardous Chemical(s) (%): mixtures, solids

Chemical Name(s)	Common Name(s)
Glass fibers	16/23 % Carbon black 2/7 %
Synthetic organic fibers	10/16 % Lead derivatives 1/6 %
Phenolic and melamine thermoset binders	14/19 % (lead oxide and lead sulfide)
Rubber binders	8/12 % + Additives
Copper wire	33/40 %

B. Carcinogenic Chemical(s) (%): Found to be (state which)  
carcinogenic by: NTP, LARC, OSHA

Chemical Name(s)	Common Name(s)

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## VALEO F 808 MCC

<b>Physical Characteristics</b>		
Boiling point, °F (°C) at 760 mm Hg:	Not applicable	Melting point, °F (°C): Not applicable
Specific gravity (H <sub>2</sub> O = 1):	2.29	Vapor pressure, mm Hg: Not applicable
Vapor density (Air = 1):	Not applicable	Solubility in H <sub>2</sub> O by Wt: Not applicable (Difficulty measurement)
% Volatiles by Vol.:	Not applicable	Evaporation rate (Butyl Acetate = 1): Not applicable
Appearance and odor: solid, composite material, grey/ash with anti-dust coating (according to the customer's request)		
Single substance [ ]	Mixture tested as a whole [ X ]	Mixture not tested as a whole [ ]
<b>Chemical Reactivity / Characteristics</b>		
Conditions contributing to instability:	stable	
Reactivity with water:	no	
Reactivity with common materials:	no	
Potential for polymerization:	}	
Inhibitor of polymerization:	} polymerised composite material	
Incompatible materials:	to avoid grease, oil (only for good use)	
Hazardous decomposition products:		
Special precautions in handling/storage:	Neutralizing chemicals to avoid: corrosive atmospheres	
<b>Fire and Explosion Hazard Information</b>		
Flash Point °F (°C): (Test Method)	Auto-ignition °F (°C): Temperature	
Flammable limits in Air % by Vol.:	Lower Explosive Limit	Upper Explosive Limit > 500°C
Fire extinguishing agents to be used/not to be used:		
Special fire fighting procedures:		
Unusual fire and explosion hazard (including combustion products)		

## VALEO F 808 MCC

**Protection and Control Information** (only for manufacturing)

Hygienic practices:

Ventilation requirements:  
when manufacturing equipment to collect dust

Personal protective equipment:

Respiratory (Specify in detail):

Eyes:

Gloves

Other clothing and equipment:

Engineering Controls/Work Practices:

**Spill or leak Procedures:** not applicable

Steps to be taken when material is released or spilled:

**Waste disposal Method(s)**

Recommended: worn out parts in plastic bags and to industrial dumping ground or incineration

**Hazard Classification**

unknown

Code of Federal Regulations (CFR):

National Fire Protection Association (NFPA) Hazard Classification:

Other:

## VALEO F 808 MCC

**Hearth Hazard Information**

## Routes of Exposure:

Inhalation: Solid

Skin Contact: Slight skin irritation, generally followed by tolerance

Eye Contact:

Ingestion:

## Signs and symptoms of:

Acute Exposure not applicable

Chronic Exposure not applicable

Medical conditions aggravated by exposure to the chemical not applicable

OSHA Permissible Exposure Limit (PEL): not applicable

ACGIH Threshold Limit Value (TLV) not applicable

Other exposure limits used or recommended not applicable

## Emergency and First Aid Procedures for different route of exposure:

Inhalation:

Skin Contact/Absorption:

Eye Contact:

Ingestion:

Notes to Physician:

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