

#46220
Fibral

Material Safety Data Sheet

SECTION I - NAME & PRODUCT

MANUFACTURERS NAME & ADDRESS: Freudenberg Nonwovens Limited, Fibral Abrasives Department
PO Box 3, Ellistones Lane, Greetland, Halifax, West Yorkshire, England HX4 8NJ

EMERGENCY TELEPHONE NO: 0422-313200

CONTACT: Fibral Technical Services

APPROVED BY:

DATE: 29.5.89

CHEMICAL FAMILY OR PRODUCT TYPE: Aluminium Oxide with Resin Binder on nonwoven nylon base

TRADE NAME, COMMON NAME OR SPECIFICATION: Fibral Standard Range - Aluminium Oxide including grades 'A' Very Fine (4600), 'A' Fine (4660), 'A' Medium (4670), 'A' Coarse (4680)

This data sheet applies to all products including Hand Pads, Rolls, Sheets, Discs, Mops, Spindle Mounted Wheels, Flap Wheels, Lap Mops, Disc Wheels and PCB Brushes which incorporate the Fibral standard range - aluminium oxide material

SECTION II - COMPOSITION

CHEMICAL NAME	PERCENTAGE	COMMON NAME	REG (Y/N)	HAZARDOUS LIMIT	ADDS TYP	CARCINOGEN* (Y/N)
Alum. Oxide	35-50	Alumina			10mg/M ³	N
Calcined Alum. Slip						
ino Silicate	to 20					
Resin Binder	15-30				10mg/M ³	
This material contains						
Materials are regulated						

SECTION III

BOILING POINT	N/A
VAPOUR PRESSURE	N/A
EVAPORATION RATE	N/A
SOLUBILITY IN OTHER SOLVENT	
SPECIFIC GRAVITY N/A	
VAPOUR DENSITY N/A	
SOLUBILITY IN ALCOHOL N/A	
Inert material	

SECTION IV

FLASH POINT	N/A	METHOD	
EXTINGUISHING MEDIA	Carbon Dioxide, Water	TESTABLE LIMITS	LEL N/A UEL
SPECIAL FIRE FIGHTING PROCEDURES: Material will burn and decompose into irritating gas (use respiratory protection)			
EXPLOSION POTENTIAL			

SECTION V - HEALTH, FIRST AID & MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	ACUTE & CHRONIC HEALTH EFFECTS & EFFECTS OF OVER EXPOSURE	FIRST AID & MEDICAL INFORMATION
INHALATION (DURING USE)	Acute (dust) - may cause coughing, shortness of breath Chronic (dust) - may affect breathing capacity	Remove to fresh air. Apply artificial respiration as needed. Obtain First Aid or medical assistance.
INGESTION	No known adverse effects but ingestion not recommended	
SKIN CONTACT & ABSORPTION	Not absorbed through skin; may cause abrasions Dust may irritate eyes	Obtain First Aid or medical assistance if needed. Wash with large amounts of water. Obtain First Aid or medical assistance if needed.
OTHER POTENTIAL		

F-4600 CUT
 DB - MFL
 +
 MT
 F-4600 CUT
 F-4600 CUT
 F-4600 CUT

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SECTION II - COMPOSITION

CHEMICAL NAME	COMMON NAME	REG (Y/N)	CAS	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN* (Y/N)
Alum. Oxide	35-50 Alumina	Y	1344-28-1	15mg/M ³ (Total Dust)	10mg/M ³	N
Calcined Alumina	Up to 20					
Resin Binder	15-30			15mg/M ³	10mg/M ³	
This material contains no free crystalline silica						

Materials are regulated by OSHA 29 CFR 1910, 1200 Hazard Communication Standard

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT	N/A	MELTING POINT	N/A	SPECIFIC GRAVITY	N/A
VAPOUR PRESSURE	N/A	PERCENT VOLATILE BY VOL.	N/A	VAPOUR DENSITY	N/A
EVAPORATION RATE	N/A	SOLUBILITY IN WATER	N/A	SOLUBILITY IN ALCOHOL	N/A
SOLUBILITY IN OTHER SOLVENT	N/A	APPEARANCE & ODOUR	Nonwoven abrasive material		

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT	N/A	METHOD USED	N/A	FLAMMABLE LIMITS LEL	N/A	UEL
EXTINGUISHING MEDIA	Carbon Dioxide, Foam, Water					
SPECIAL FIRE FIGHTING PROCEDURES	Material will burn and decompose into irritating gas (use respiratory protection)					
EXPLOSION POTENTIAL						

SECTION V - HEALTH, FIRST AID & MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	ACUTE & CHRONIC HEALTH EFFECTS & EFFECTS OF OVER EXPOSURE	FIRST AID & MEDICAL INFORMATION
INHALATION (DURING USE)	Acute (dust) - may cause coughing, shortness of breath Chronic (dust) - may affect breathing capacity	Remove to fresh air. Apply artificial respiration as needed. Obtain First Aid or medical assistance.
INGESTION	No known adverse effects but ingestion not recommended	
SKIN CONTACT & ABSORPTION	Not absorbed through skin; may cause abrasions Dust may irritate eyes	Obtain First Aid or medical assistance if needed. Wash with large amounts of water. Obtain First Aid or medical assistance if needed.
OTHER POTENTIAL		

SECTION VI - CORROSIVITY & REACTIVITY DATA

STABILITY: UNSTABLE () STABLE (✓) POLYMERIZATION: MAY OCCUR () WILL NOT OCCUR (✓)
 COMPATIBILITY (Materials to avoid) NAIF
 DECOMPOSITION PRODUCTS NAIF
 CONDITIONS TO BE AVOIDED NAIF

SECTION VII - STORAGE, HANDLING & USE PROCEDURES

NORMAL STORAGE & HANDLING

Handle with adequate ventilation for nuisance dust. See OSHA 29 CFR 1910.94
Ventilation and OSHA 29 CFR 1910.1000 (air contaminates)

NORMAL USE

Handle with adequate ventilation for nuisance dust. See OSHA 29 CFR 1910.94
(Ventilation) and OSHA 29 CFR 1910.1000 (air contaminates)

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS

Normal clean up procedures

WASTE DISPOSAL METHOD

Standard landfill methods consistent with applicable Federal, State and Local laws

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

As needed. Approved dust respirator (OSHA 29 CFR 1910.134)

VENTILATION	LOCAL	Recommended
	MECHANICAL (GENERAL)	Recommended
	OTHER	NAIF

PROTECTIVE GLOVES Recommended

EYE PROTECTION Recommended

OTHER EQUIPMENT NAIF

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:
See Sections VII and VIII

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE NAIF

OTHER PRECAUTIONS: N/A

N/A = Not applicable

NAIF = No applicable information found

Flammability Rating

Health  Reactivity