



## MSDS Phenolic Resin Bonded Cutting and Grinding Discs

Control of substance Hazardous to Health Regulations 1988: Version 2 Updated 18/02/2020

### SECTION 1 NAME AND PRODUCT:

Fibre Glass Phenolic Resin Bonded Abrasives wheels-cutting and grinding discs.

### SECTION 2 CHEMICAL COMPOSITION

CAS #	Chemical Name	%	Ingredient Residual,	Comment
		Typical Content	By-product, Impurity	
1344-28-1	ALUMINIUM OXIDE	30		
10101-41-4	SILICON CARBIDE	30		
9003-35-4	PHENOLIC RESIN	20		
25038-59-9	GLASS FIBRE CLOTH	8		
109-74-0	NBR (Butyl rubber)	3.3		
- -	Other Materials	8.7		Steel Washer

### SECTION 3 PHYSICAL AND CHEMICAL DATA

**Appearance:** Coloured moulded (yellow-brown, black-brown) solid, slight synthetic resin odour.

**Physical State:** Solid with no volatility and sublimation.

**Vapor Pressure:** kPa (20°C) 20 kilopascals = 2.9007547601444 pounds per square inch.

**Volatility:** Non volatile

**Ignition Point:** No spontaneous ignition.

**Flash Point:** Flame resistant.

**Decomposition Point:** -300°C or over (hardened phenol resin product)

**Decomposition:** 300°C or over (hardened phenol resin product)

**Odour:** Slight synthetic resin odour.

**PH and its Levels:** Solid, not applicable.

**Alkali Resistance:** Strength degradation is accelerated by alkaline grinding fluid.

## **SECTION 4 FIRE AND EXPLOSION HAZARD DATE**

<b>FLASH Point: N/A</b>	(Method used) Flammable Limits.
<b>Extinguishing Media</b>	Water Spray or Jet, Dry Chemical, Foam, or Carbon Dioxide.
<b>Special firefighting procedures</b>	Avoid inhalation, Wear self-contained breathing appearance.
<b>Explosion potential</b>	None known.

## **SECTION 5 HEALTH, FIRST AID AND MEDICAL DATA**

### **FIRST AID MEASURES**

- Eye Contact: If dust enters the eyes, wash the eyes immediately with clean running water. Do not press or rub them. Seek medical treatment if necessary.
- Skin contact: Wash exposed areas with soap and water after the end of operation.
- Inhalation: In the case of dust inhalation, remove the victim immediately to a place of fresh air. Gargle with water. Seek medical treatment if necessary.
- Ingestion: Drink large amounts of water and induce vomiting. seek medical treatment if necessary.

### **TOXICOLOGICAL INFORMATION**

Skin Corrosiveness:	No finding available.
Irritability:	No finding available.
Sensitivity:	No finding available.
Acute Toxicity:	No finding available.
Chronic Toxicity:	No finding available.
Mutagenicity:	No finding available.
Reproductive Toxicity:	No finding available.
Teratogenicity:	No finding available.
Others:	No finding available.
Local Effect:	No finding available.

## **Section 6 PERSONAL PROTECTION INFORMATION**

1. Respiratory protection: Use approved dust respirators for protection against nuisance dust as stated in the manufactures specifications.
2. Protective Clothing: Recommended: Gloves, eye protection, head and ear protection.
3. Gloves: YES
4. Eye and ear protection: YES
5. Ventilation Requirements: Good local exhaust ventilation is essential for dry grinding and cutting operations. Wear approved dust respirators for protection against nuisance dust.
6. Attention: DO not under any circumstances use abrasive wheels that show signs of damage.

## SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in the event in the case of materials being released or spilled.

Normal clean up procedures for inert or nuisance dust.

## WASTE DISPOSAL METHOD

Normal waste disposal procedures, for local commercial waste area

## SECTION 8 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing abrasive discs.

Please refer to the HSE publication "Safety in the use of abrasive wheels" covering the PUWER regulations for full details in the essentials of handling and storing of all types of abrasive wheels. It is essential to avoid cracks and breakages and store this product in a clean and dry area.

## SUPPLIER 570

### FLAT CUTTING WHEELS

FAI10012M	FAI/FULL CUT OFF WHEEL 100MM X 1.2 X 16 METAL
FAI1003M	FAI/FULL CUT OFF WHEEL 100MM X 3.2 X 16 METAL
FAI11512M	FAI/FULL CUT OFF WHEEL 115MM X 1.2 X 22 METAL
FAI1153M	FAI/FULL CUT OFF WHEEL 115MM X 3.2 X 22 METAL
FAI12512M	FAI/FULL CUT OFF WHEEL 125MM X 1.2 X 22 METAL
FAI1253M	FAI/FULL CUT OFF WHEEL 125MM X 3.2 X 22 METAL
FAI1803M	FAI/FULL CUT OFF WHEEL 180MM X 3.2 X 22 METAL
FAI2303M	FAI/FULL CUT OFF WHEEL 230MM X 3.2 X 22 METAL
FAI3003520M	FAI/FULL CUT OFF WHEEL 300MM X 3.5 X 20 METAL
FAI3003522M	FAI/FULL CUT OFF WHEEL 300MM X 3.5 X 22 METAL
FAI3003525M	FAI/FULL CUT OFF WHEEL 300MM X 3.5 X 25 METAL
FAI3502825M	FAI/FULL CUT OFF WHEEL 355MM X 2.8 X 25 METAL
FAI3503525M	FAI/FULL CUT OFF WHEEL 355MM X 3.5 X 25 METAL
FAI1003S	FAI/FULL CUT OFF WHEEL 100MM X 3.2 X 16 STONE
FAI1153S	FAI/FULL CUT OFF WHEEL 115MM X 3.2 X 22 STONE
FAI1253S	FAI/FULL CUT OFF WHEEL 125MM X 3.2 X 22 STONE
FAI1803S	FAI/FULL CUT OFF WHEEL 180MM X 3.2 X 22 STONE
FAI2303S	FAI/FULL CUT OFF WHEEL 230MM X 3.2 X 22 STONE
FAI3003520S	FAI/FULL CUT OFF WHEEL 300MM X 3.5 X 20 STONE
FAI3003522S	FAI/FULL CUT OFF WHEEL 300MM X 3.5 X 22 STONE
FAI3503525S	FAI/FULL CUT OFF WHEEL 355MM X 3.5 X 25 STONE
FAI10010MUL	FAI/FULL CUT OFF WHEEL 100MM X 1.0 X 16 M/P (10)
FAI11510MUL	FAI/FULL CUT OFF WHEEL 115MM X 1.0 X 22 M/P (10)
FAI12510MUL	FAI/FULL CUT OFF WHEEL 125MM X 1.0 X 22 M/P (10)
FAI10012INOX	FAI/FULL CUT OFF WHEEL 100MM X 1.2 X 16 S/S
FAI11512INOX	FAI/FULL CUT OFF WHEEL 115MM X 1.2 X 22.23 S/S
FAI12512INOX	FAI/FULL CUT OFF WHEEL 125MM X 1.2 X 22.23 S/S

**DEPRESSED CENTER CUTTING**

FAI1003MDC	FAI/FULL DEP CENTRE CUT DISC 100X3.2X16 METAL
FAI1153MDC	FAI/FULL DEP CENTRE CUT DISC 115X3.2X22 METAL
FAI1253MDC	FAI/FULL DEP CENTRE CUT DISC 125X3.2X22 METAL
FAI1803MDC	FAI/FULL DEP CENTRE CUT DISC 180X3.2X22 METAL
FAI23018MDC	FAI/FULL DEP CENTRE CUT DISC 230X1.8X22.23 S/S
FAI2303MDC	FAI/FULL DEP CENTRE CUT DISC 230X3.2X22 METAL
FAI1003SDC	FAI/FULL DEP CENTRE CUT DISC 100X3.2X16 STONE
FAI1153SDC	FAI/FULL DEP CENTRE CUT DISC 115X3.2X22 STONE
FAI1253SDC	FAI/FULL DEP CENTRE CUT DISC 125X3.2X22 STONE
FAI2303SDC	FAI/FULL DEP CENTRE CUT DISC 230X3.2X22 STONE

**DEPRESSED CENTER GRINDING**

FAI1005MDG	FAI/FULL DEP CENTRE GRIND DISC 100X5X16 METAL
FAI1006MDG	FAI/FULL DEP CENTRE GRIND DISC 100X6.5X16 METAL
FAI1156MDG	FAI/FULL DEP CENTRE GRIND DISC 115X6.5X22 METAL
FAI1256MDG	FAI/FULL DEP CENTRE GRIND DISC 125X6.5X22 METAL
FAI1806MDG	FAI/FULL DEP CENTRE GRIND DISC 180X6.5X22 METAL
FAI2306MDG	FAI/FULL DEP CENTRE GRIND DISC 230X6.5X22 METAL
FAI1006SDG	FAI/FULL DEP CENTRE GRIND DISC 100X6X16 STONE
FAI1156SDG	FAI/FULL DEP CENTRE GRIND DISC 115X6X22 STONE
FAI1256SDG	FAI/FULL DEP CENTRE GRIND DISC 125X6X22 STONE
FAI2306SDG	FAI/FULL DEP CENTRE GRIND DISC 230X6X22 STONE