

# MATERIAL SAFETY DATA SHEET

FIBERGLASS BACKING PLATE

Revised date: 18-06-2010

1. Identification of material / preparation and firm	
1.1 Description of preparation	FIBERGLASS BACKING PLATE
1.2 Use of the preparation	FLAP DISC
1.3 Detail of manufacturer / supplier	
Firm	Dragon Abrasives Group Limited
Address	Rm. 2519, Trading Times Apartment, #265 Anshan West Rd. Tianjin China
Postal code	300192
Phone	0086-22-87899539
Fax	0086-22-87899537

2. Composition / Information on ingredients				
Chemical characterization of the preparation				
Description		Fiberglass backing plate is made of the fiberglass fabric which are specially woven and treated in the plant. Fiberglass fabric impregnated with phenolic resin. The fiberglass backing diameter, thickness and the number of layers of the plate can be set according to requirement, while the plate can be made into flat or bend to 8 or 9 degrees. Two types of fiberglass backing plate are T27 (flat) and T29 (convex).		
Contents (average values)		Fiberglass		
EC No. CAS No.	Non-Hazardous Ingredients	Chemical Name	Wt. %	Code letter
65997-17-3	Fiber Glass Continuous Filament (non respirable)	Fibrous Glass	94-100	-
None	Polyester Yarn	Polyester Yarn	0-4	-

3. Hazards Identification	
Appearance and Odor	Black colored with solid no odor
Additional danger warnings for humans And environment	Breathing dusts and fiber articles may cause short term irritation of the mouth, nose and throat. Skin contact with fibers which coated with phenolic resin may cause itching and short term irritation. Eye contact with dust and fibers may cause short term mechanical irritation. Ingestion may cause short term mechanical irritation of the stomach and intestines.

4. First Aid measures	
General information	-
After inhalation	Take injured person into the fresh air. Seek medical attention if irritation persists.
After contact with skin	Wash off with soap and water.
After contact with eyes	In case of contact with eyes, flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.
After ingestion	Ingestion of the plate is unlikely happened.
Protection of person providing First Aid	Ensure the person provided First Aid is protected
Notes for the doctor	-

5. Fire-fighting measures	
Flash Point and Method	None
Flammability Limits (%)	None
Auto Ignition Temperature	Not Applicable
Extinguish Media	Water, foam, CO2 or dry chemical
Unusual Fire and Explosion Hazards	None known.
Fire Fighting Instructions	Use self contained breathing apparatus (SCBA) in a sustained fire.
Hazardous Combustion Products	Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined compounds could be released in small quantities.

6. Accidental release measures	
Person-related precautionary measures	Avoid dust and phenolic resin formation
Environmental protection measures	-
Procedures to clean up / take up product	Take up mechanically and dispose of properly.
Additional information	-

7. Handling and Storage	
7.1 Handling	
Information on dealing with product safely	Avoid dust formation.
Information on fire and explosion Protection.	No special fire protection measures necessary.
7.2 Storage	Store in the dry, clean and ventilated places
Storage Temperature	Not applicable
Storage Pressure	Not applicable
General	No special storage or handling procedure are required for this product

<b>8 Exposure limits and personal protection</b>	
8.1 Exposure limit values/Occupational limit values	
General dust limit value	
Inhale amount (E)	10 mg/m <sup>3</sup>
Alveolar amount (A)	3 mg/m <sup>3</sup>
8.2 Personal protection	
Respiratory protection	Normally, no personal respiratory protection is Necessary in the case of insufficient ventilation or exceeding occupational limit values, a breathing mask is to be worn (FFP filtering half-mask face piece, depending on the given Concentration)
Hand protection	Glove material: leather
Eye protection	Wear Tight-fitting protective goggles while baking the plate into fire. (closed safety Goggles)
Skin protection	Loose fitting long sleeved shirt, long pants and gloves. Skin irritation is known to occur chiefly at pressure points such as neck, wrist, waist and between fingers.
Protective and hygiene measures	<p>Minimum standards regarding protective Measures for dealing with working substances Are listed in TRGS 500. do not eat, drink, smoke Or take snuff during work.</p> <p>Avoid contact with skin, eyes and clothes.</p> <p>Remove soiled or soaked clothes immediately, Wash hands before breaks and at the end of work.</p> <p>Precautionary protection of skin through skin Ointments.</p>

<b>9 physical and chemical properties</b>	
9.1 Appearance	
State of aggregation	Solid
Shape	Round with flat or convex surface
color	Black
Smell	Odourless
9.2 Safety-relevant data	
pH value	n.m.a. (not meaningfully applicable)
Soft melting point	Approx. 180 C
Solidification point	n.m.a. (not meaningfully applicable)
Boiling point	n.m.a. (not meaningfully applicable)
Flash point	Substance is inorganic.
Autoignition	The product is not self-igniting.
Danger of explosion	The product is not explosive.

Water solubility	Insoluble
Dragon Abrasives	3/5

10 Stability and reactivity	
Conditions to be avoided	-
Substances to be avoided	-
Dangerous decomposition points	No dangerous decomposition products known.
General	Stable

11 Toxicological information	
Acute toxicity	-
Irritation of and caustic effect on the skin	Not irritating
Irritation of and caustic effect on eyes	Not irritating
Sensitization	No sensitization known.
General comments	-

12 Ecological information	
Ecotoxic effects	No damaging effect on water organisms is to be Expected.
Information on elimination	This product is, according to experience so far, Inert and not degradable.
Further information on ecology	With proper handling and use, no environmental Problems are to be expected.

13 Disposal considerations	
Disposal / waste (product)	Unused plates: The allocation of the EWC codes / waste Descriptions are to be carried out specific to branch and process in accordance with AAV. List of proposals for EWC codes / waste Description pursuant to AAV. 120117 abrasive Waste with the exception of waste which comes Under 120116.
Uncleaned packaging	Can, taking into account the necessary technical Regulations, and after consultation with the Disposal agency, be burned together with Household waste.

14 Transport information	
Transport / Automobile	Not dangerous goods within the meaning of These transport regulations.

15 Regulations	
15.1 Labeling	
Labeling in accordance with EC Directive	The preparations are not subject to Labeling requirements under EC Directives.

Code letter(s) and description(s) of danger	-
Danger-determining component(s) for label	-
Danger symbol and Description(s) of danger	-
R-sentences	-
S-sentences	26 in case of contact with eyes, immediately Rinse thoroughly with water and consult doctor 37/39 wear suitable protective gloves and Protective goggles when working.
comments	-
15.2 National regulations	
Major Accidents Ordinance	-
Technical guidelines regarding air	-
Water endangerment category	Does not endanger water; Classification pursuant to the Administrative Guideline on water-endangering substances (VwVwS), appendix 4
Other regulations, restrictions And banning ordinances	-

#### 16 Other information

Wording of the R-sentences under section 2	The details in this safety data sheet correspond To the best of our knowledge to our findings at The time of printing. The information is intended To provide indications on how to use the product Named in this safety data sheet safely in respect of storage, processing, transport and disposal, the information is not transferable to other products. Insofar as the product named in this safety data Sheet is mingled, mixed or processed, or worked on, the information in this safety data sheet anything to the contrary, cannot be transferred to the new material made in this way.
R-sentences	
Recommended restriction of use	
Reason for change	