

Safety data sheet

Dragon 141

1 IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

1.1	Product identification:	Coated abrasives
	Commercial product name:	Dragon 141 P80-P120, P180, P240, P360-P1200
1.2	Relevant identified use:	Abrasive used for sanding
1.3	Manufacturer/distributor:	Dragon
	PB No./street:	C.E. Christiansens Vej 46
	State/postal code/city:	DK-4930 Maribo
	Country:	Denmark
	Phone:	+45 5449 1920
1.4	Emergency telephone number:	
	Denmark Toxic line:	+45 8212 1212

2 HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture Classification (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.
2.2	Label elements: Labelling (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.
2.3	Other hazards: Vapours may form explosive mixture with air.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Abrasive:	Silicum carbide
3.2	Bond:	Resin/Resin
3.3	Fillers:	Quartz
3.4	Backing:	Paper 100-115g/m ² water resistant
3.5	Others:	None

4 FIRST AID MEASURES

4.1	Inhalation:	No special measures
4.2	Skin:	No special measures
4.3	Eye:	Flush with clean water – if symptoms persist seek medical advice.
4.4	Ingestion:	No special measures

5 FIRE FIGHTING MEASURES

5.1	General measures:	Not inflammable.
5.2	Suitable extinguishing agents:	Water, powder, foam, sand, CO ₂ ,
	Extinguishing media which must not be used for safety reasons:	None
5.4	Special exposure hazards arising from the substance itself, combustion products, resulting gases:	None
5.5	Special protective equipment:	Not applicable

6 ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions:	Avoid dust formation (cf. item 8)
6.2	Environmental precautions:	None
6.3	Methods for cleaning:	None

7 HANDLING AND STORAGE

7.1	Handling:	
	Precautions for safe handling:	Avoid dust formation
	Precautions for fire and explosion:	None
7.2	Storage:	
	Conditions of storage and vessels:	None
	Recommended temperature:	15-20°
	Recommended humidity:	40-60%
	Further details about storage:	Abrasives are made of bonding made of natural products that is why the product are affected by humidity and heat in the where it is stored.

8 EXPOSURE CONTROL AND PERSONAL PROTECTION

8.1	Further information for system Design and engineering measures:	Not applicable
8.2	Components with specific control Parameters as limit values:	Observe the local bylaws in terms of fine Dust. (e.g. MAK value 6mg/m3)
8.3	Personal protective equipment: General protection and hygiene measures:	None
	Respiratory protection:	Avoid inhaling dust. Fine dust masks approved according to EN standard 149 must be used if fine dust limits are exceeded.
8.4	Hand protection:	Protection gloves are recommended.
8.5	Eye protection:	Safety glasses are recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	
	Form:	Solid
	Colour:	Black
	Odour:	None
9.2	Safety parameters:	
	Flash point:	Not applicable
	Flammability:	Not applicable
	Ignition temperature:	Not applicable
	Auto flammability:	Not applicable
	Oxidizing properties:	Not applicable
	Explosive properties:	Not applicable
	Explosive limits:	Not applicable
	Vapour pressure:	Not applicable
	Specific gravity:	Not applicable
	Density:	Not applicable
	Solubility in water:	Partial soluble

10 STABILITY AND REACTIVITY

10.1	General information:	The material is stable, no hazardous reactions known
10.2	Conditions to avoid:	Not applicable
10.3	Materials to avoid:	Not applicable
10.4	Hazardous decomposition products:	Non-known

11 TOXIOLOGICAL INFORMATION

11.1	General information:	No hazardous effects known (cf. item 16)
11.2	Acute toxicity:	None

12 ECOLOGICAL INFORMATION

12.1	Environment:	No hazardous effects known
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13 DISPOSAL CONSIDERATIONS:

13.1	Material:	No special considerations required.
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14 TRANSPORT INFORMATION

14.1	Land transport: ADR - classification:	Non-hazardous material
14.2	Inland waterways: IMDG - classification:	Non-hazardous material
14.3	Maritime transport: RID - classification:	Non-hazardous material
	UN Number:	Not classified
14.4	Air transport: ICAO - classification	Non hazardous material
	UN/ID Number:	Not classified

15 REGULATORY INFORMATION

15.1	Classification according to EC guidelines: Danger-symbol and danger-text of the product:	
	EC/R:	None
	EC/S:	None
15.2	National regulations: (e.g.: Water pollution category)	None

16 OTHER INFORMATION

The above indications are based on existing practice and do not constitute a guarantee. Users who remain responsible for the use of coated abrasives must strictly follow the laws and regulations.

17 IMPORTANT NOTICE

Coated abrasives are inert products, which do not create any risk when handled or stored. When used on grinding machines they require specific measures to protect the operators. During the grinding operation 90% or more of the particulates of the dust come from the material being ground and, for wet grinding, from aerosols generated by the grinding fluid. Specific attention must therefore be given to the nature of the part and for the fluid and the appropriate protection devices must be installed.