



Distributor: Mager Scientific
1100 Baker Rd.
P.O. Box 160
Dexter MI 48130-0160

Phone: (734) 426-3885

Distributor Product No.

| | | |
|-------------------|--------------------|--------------------|
| GPE-8-080 | GPE-10-080 | GPE-12-080 |
| GPE-8-120 | GPE-10-120 | GPE-12-120 |
| GPE-8-220 | GPE-10-220 | GPE-12-220 |
| GPE-8-320 | GPE-10-320 | GPE-12-320 |
| GPE-8-500 | GPE-10-500 | GPE-12-500 |
| GPE-8-800 | GPE-10-800 | GPE-12-800 |
| GPE-8-1200 | GPE-10-1200 | GPE-12-1200 |

Manufacturer: Hermes
Manufacturer Product No.: Group 1 Coated Abrasives

Dear Customer:

In order to comply with the Hazard Communication Law which went into effect November 25, 1985, and the Globally Harmonized System (GHS) regulation update introduced by the Occupational Safety and Health Administration (OSHA) in 2012, attached is the safety data sheet pertaining to our product noted above.

Additional sheets are available upon request. Please feel free to contact us if we can be of further assistance.

Sincerely,

Mager Scientific, Inc.
Customer Service



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Group 1 as annexed
Version/Revision (date): 2015-05-22
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**Voluntary product information based on the format of a safety data sheet
for coated abrasives**

1. Identification of the product and of the company/undertaking

1.1 Product identifier

Group 1 (Products which belong to this group are listed in the annex)

1.2 Use of the product

Coated abrasives for the grinding/sanding of different kinds of materials.

1.3 Details of the supplier of the voluntary product information:

Company: Hermes Schleifmittel GmbH & Co. KG

Address: Luruper Hauptstraße 106

D-22547 Hamburg

Phone: +49-(0)40-8330-0 Fax: +49-(0)40-8330-230

E-mail: hsd@hermes-schleifmittel.com

1.4 Emergency telephone number:

+49-(0)551-19240 (Giftnotrufzentrale – Nord)

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.



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3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

| Substance | EC-N° | CAS-N° | REACH Registration N° | Conc. (%) | Classification acc. to Regulation (EC) N° 1272/2008 (CLP) | | Classification acc. to Directive 67/548/EWC |
|-----------|-------|--------|--------------------------|-----------|--|----------------------|---|
| | | | | | Hazard classes/ hazard categories | Hazard statements | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

(For full text of H- and R-phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product
Eye contact: Not possible, due to the form of the product
Skin contact: No harmful effects known
Ingestion: Not likely, due to the form of the product; if necessary contact physician
Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials



5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

| Limit value type (country of origin) | substance | EC-N° | CAS-N° | Occupational limit value | | | | Peak limit | source, remark |
|--|-----------|-------|--------|--------------------------|----------------------------|-------------------|-------------------------|------------|----------------|
| | | | | Long term | | Short term | | | |
| | | | | mg/m ³ | ml/m ³ (ppm) | mg/m ³ | ml/m ³ (ppm) | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Individual protection measures

8.2.1.1. Respiratory protection: Use respiratory protective equipment

(type depends on specific application and material being ground)

- 8.2.1.2. Hand protection: Wear protective gloves
(type depends on specific application and material being ground)
- 8.2.1.3. Eye protection: Wear protective goggles or face shield
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- 9.1 Physical state: solid
- 9.2 Colour: as annexed
- 9.3 Solubility in water: as annexed

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. Toxicological information

11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Waste treatment methods

13.1. Product

Follow national and regional regulations.

- Due to the ingredients and properties disposal as non-hazardous waste (1357/2014/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121).
- Due to the ingredients and properties disposal as hazardous waste (1357/2014/EC) (EWC – Nr. 120120*)

13.2. Packing

Follow national and regional regulations.

14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.



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15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

Not relevant.

16. Other information

Changes to the previous versions

See sections 1 to 16.

Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.
Directive (67/548/EWG), amended by Directive 2009/2/EC.
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.
Directive 2000/39/EG, amended by Directive 2009/161/EC
Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008:

none

According to Directive 67/548/EWC:

none

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Research and Development

Contact: : ehs@hermes-schleifmittel.com

+49 (0) – 40-8330 – 0 open Mo - Fr 8⁰⁰ – 15⁰⁰ (CET)

Annex to group 1

Last update: 2015-05-22

| Code | Type | Grit range | Colours | Solubility |
|-------|----------------------------------|---|---------------|---------------|
| 10400 | BWF | P: 120,180,280,400 | orange | partly |
| 11000 | BW 110 | P: 24,36-320,400 | reddish brown | insignificant |
| 11005 | BW 110 SK | P: 40, 60-150 | reddish brown | insignificant |
| 11100 | BW/RB | P: 24,36-50,80-180 | red | partly |
| 11400 | BW 114 | P: 40-800 | black | insignificant |
| 11407 | BW 114 VEL | P: 40,60-240 | black | insignificant |
| 11500 | BW 115 | P: 36-320+400 | reddish brown | insignificant |
| 11507 | BW 115 VEL | P: 40, 60, 80, 120-180,240 | reddish brown | insignificant |
| 11523 | CB 115 | P: 60-240 | black | insignificant |
| 11800 | BS 118 | P: 16,24,36-1200 | black | insignificant |
| 11805 | BS 118 SK | P: 40,60,80,120,220,320, 400,600 | black | insignificant |
| 11807 | BS 118 VEL | P: 16,24,36,40-120,180 +220,320+400,600-1200 | black | insignificant |
| 11900 | BS 119 | P: 240-800 | black | insignificant |
| 11970 | BS 119-Longlife | P: 240-800 | light-grey | insignificant |
| 12000 | BS 120 | P: 240-800 | anthracite | insignificant |
| 13500 | HC 135 | P: 80-500 | white | insignificant |
| 13505 | HC 135 SK | P: 80-240,320-400 | white | insignificant |
| 13507 | HC 135 VEL | P: 80-500 | white | insignificant |
| 13509 | HC 135 VEL Multihole | P: 80,120-500 | white | insignificant |
| 14007 | FC 140 VEL | P: 180-320,400,500 | white | insignificant |
| 15170 | VC 151-Longlife | P: 80,100, 150, 220, 320, 400,500 | red/ white | insignificant |
| 15177 | VC 151-Longlife, VEL | P: 60-240,320-500 | red/ white | insignificant |
| 15179 | VC 151-Longlife, VEL Multihole | P: 60-240,320-500 | red/ white | insignificant |
| 15187 | VC 151- Longlife, VEL | P: 150 | red/ white | insignificant |
| 15200 | VC 152 | P: 36-320+400 | light-brown | insignificant |
| 15201 | VC 152 01 | P: 40,60-120 | light-brown | insignificant |
| 15205 | VC 152 SK | P: 40,60-320+400 | light-brown | insignificant |
| 15207 | VC 152 VEL | P: 40,60-320+400 | light-brown | insignificant |
| 15307 | VC 153 VEL | P: 24,36-220 | reddish brown | insignificant |
| 15470 | VC 154 – Longlife | P: 80-1200 | light-brown | insignificant |
| 15475 | VC 154 – Longlife, SK | P: 600-800, 1200 | light-brown | insignificant |
| 15477 | VC 154 – Longlife, VEL | P: 80–320, 400+500 | light-brown | insignificant |
| 15478 | VC 154 – Longlife, Foam | P: 600-800 | light-brown | insignificant |
| 15479 | VC 154 – Longlife, VEL Multihole | P: 80-1500 | light-brown | insignificant |
| 15487 | VC 154 – Longlife, soft VEL | P: 400, 500 | light-brown | insignificant |
| 15807 | VC 158 VEL | P: 80,60,80,120,220,320, 400, 600-1200 | black | insignificant |
| 16800 | SF 168 | P: 60-320,400+500 | light-grey | insignificant |
| 16805 | SF 168 SK | P: 60-320,400+500 | light-grey | insignificant |
| 16810 | SF 168 | P: 80-320,400,500 | light-grey | insignificant |
| 16815 | SF 168 SK | P: 120,180-240,320,400,500 | light-grey | insignificant |
| 16817 | SF 168 VEL | P: 80 | light-grey | insignificant |
| 17900 | BS 179 | P: 60-180 | black | insignificant |
| 30480 | RB 304 J-flex | P: 80-180 | black | insignificant |
| 30860 | RB 308 J-flex | P: 320,400+600 | black | insignificant |
| 31510 | RB 315 YX | P: 24,36-500 | black | insignificant |
| 31515 | RB 315 YX SK | P: 24,36,80 | black | insignificant |
| 31517 | RB 315 YX VEL | P: 24, 36-60 | black | insignificant |
| 31633 | RB 316 33 X op | P: 36, 50-220 | black | insignificant |
| 31634 | RB 316 34 Y op | P: 60-180 | black | insignificant |
| 31636 | RB 316 36 Z op | P: 36-180 | black | insignificant |
| 31770 | RB 317 J-flex-w | P: 60-600 | reddish brown | partly |
| 32020 | RB 320 X | P: 12,16,24-320+400 | red | insignificant |
| 32021 | RB 320 21 X | P: 40-320+400 | red | insignificant |
| 37433 | RB 374 Z | + : 36-150 | black | insignificant |
| 37490 | RB 374 90 ZZ | P: 24,36-180 | black | insignificant |

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| Code | Type | Grit range | Colours | Solubility |
|-------|--------------------------|--|--|---------------|
| 37530 | RB 375 Y | P: 80-220,320 | black | insignificant |
| 37536 | RB 375 36 Z | P: 60-120 | black | insignificant |
| 37992 | SB 379 92 ZZ | P: 36-180 | black | insignificant |
| 51510 | RB 515 YX | P: 800 | black | insignificant |
| 51522 | RB 515 X | P: 150,220,280,320,400, 600-1000 | black | insignificant |
| 51527 | Kork RB 515 X VEL | P: 280,400,800 | black | insignificant |
| 51530 | RB 515 Y | P: 120,150,220,400,800-1200 | black | insignificant |
| 52522 | RB 525 X | P: 220,280,400+600 | reddish brown | insignificant |
| 53520 | RB 535 X | P: 150-320,400,600 | reddish brown | insignificant |
| 53521 | RB 535 X | P: 150-320,400-600 | reddish brown | insignificant |
| 53530 | RB 535 Y | P: 60-180,240,320,400+600 | reddish brown | insignificant |
| 54010 | BS 540 | P: 150,220,320 | black | insignificant |
| 54020 | RB 540 X | P: 150-220,280+320 | black | insignificant |
| 54520 | RB 545 X | P: 150-320,400-800 | black | insignificant |
| 54521 | RB 545 X | P: 150-320,400,600+800 | black | insignificant |
| 54530 | RB 545 Y | P: 40,60-120+180+280 | black | insignificant |
| 55522 | RB 555 X | --- | yellow | insignificant |
| 55524 | Kork RB 555 24 X | --- | black | insignificant |
| 58000 | GL 580 | --- | black | partly |
| 58100 | GL 581 | --- | black | partly |
| 59030 | Mercurit RB 590 Y | P: 80,120,180,240,320, 400+ 600 | reddish brown | insignificant |
| 59530 | Mercurit RB 595 Y | P: 80-240 | black | insignificant |
| 59830 | Mercurit RB 598 Y | P: 240,320,400,600-1200 | reddish brown | insignificant |
| 61601 | WS-flex 616 | P: 60 - 2500,3000 | anthracite | insignificant |
| 61605 | WS flex 16 SK | P: 1500,2500 | anthracite | insignificant |
| 61607 | WS flex 16 VEL | P: 400,600,800,2000+2500 | anthracite | insignificant |
| 61608 | WS flex 16 SK 302 | P: 1200,2500+3000 | anthracite | insignificant |
| 61609 | WS flex 16 VEL Multihole | P: 600+800 | anthracite | insignificant |
| 61810 | WS flex 18 C | P: 60-1200+2500 | anthracite | insignificant |
| 61811 | WS flex 18 C | P: 60-2500 | anthracite | insignificant |
| 61812 | WS flex 18 C SK 12 | P: 800-1200 | anthracite | insignificant |
| 61814 | WS flex 18 C film | P: 80,120,180-320,400-1200,2500 | anthracite | insignificant |
| 61815 | WS flex 18 C SK | P: 60,80,120-180,240-320,400-1200+2500 | anthracite | insignificant |
| 61816 | WS flex 18 C SK 302 | P: 180,240,600,800 | anthracite | insignificant |
| 62810 | WA flex 28 B | P: 280,320,400-1200 | light-brown | insignificant |
| 62820 | WA flex 28 B | P: 400-1200 | light-brown | insignificant |
| 63600 | FB 636 | P: 120,320,600,1200 | grey | insignificant |
| 63700 | FB 637 | P: 120,180,240,280,360-1500+2500 | light-blue | insignificant |
| 63705 | FB 637 SK | P: 240,360,600+800, 1200,1500,2500 | light-blue | insignificant |
| 63708 | FB 637 08 SK | P: 240 | light-blue | insignificant |
| 70000 | webrax-MAG | +: 80+120 | brown | insignificant |
| 70150 | webrax-AN 701 50 | +: 80,100,180,280+800 | different colours, dependent on gritsize | insignificant |
| 70200 | webrax-AN 702 | +: 80-100,180,280, 320+400 | brown | insignificant |
| 70350 | webrax-AN 703 50 | +: 80+100 | different colours, dependent on gritsize | insignificant |
| 70500 | webrax-MSG | +: 80,150,180,220,280, 400, 500 | grey | insignificant |
| 70502 | webrax MS 705 | +: 80,220,280 | grey | insignificant |
| 70505 | webrax-MSG SK | +: 400 | grey | insignificant |
| 70580 | webrax-MSG XX | +: 180+280 | grey | insignificant |
| 70600 | webrax-GP 706 white | --- | white | insignificant |
| 70601 | webrax-GP 706 braun | --- | brown | insignificant |
| 70602 | webrax-GP 706 oliv | --- | oliv | insignificant |
| 70650 | webrax-Multiclean | --- | black | insignificant |

Annex to group 1

Last update: 2015-05-22

| Code | Type | Grit range | Colours | Solubility |
|-------|---|---------------------------------|---|---------------|
| 70700 | webrax-AN 707 | +: 80,100,280+800 | different colours, dependent on gritsize | insignificant |
| 70710 | webrax-AN 707 10 | +: 100,180+280 | different colours, dependent on gritsize | insignificant |
| 70720 | webrax-AN 70720 | +: 120 | brown | insignificant |
| 70800 | webrax-OA 708 | +: 120,180,280,360 | brown | insignificant |
| 70807 | webrax-OA 708 VEL | +: 120,180,280+360 | brown | insignificant |
| 70900 | webrax-OS 709 | +: 180,280,500,800+1500 | grey | insignificant |
| 70907 | webrax-OS 709 VEL | +: 1500 | grey | insignificant |
| 71002 | webrax-OA 710 | +: 80-120,180+280 | brown | insignificant |
| 71007 | webrax-OA 710 VEL | +: 100 | brown | insignificant |
| 71010 | webrax-OA 710 10 | +: 80,180 | brown | insignificant |
| 71300 | webrax-OA 713 | +: 60,100,180+280 | light-brown | insignificant |
| 71307 | webrax-OA 713 VEL | +: 180 | light-brown | insignificant |
| 71502 | webrax-OS 715 | +: 100,120,180,220,280, 500+800 | black | insignificant |
| 71600 | webrax-OS 716 | +: 180,280,800 | black | insignificant |
| 72000 | webrax-OA 710/RB 320 X Kombi | --- | different colours, dependent on gritsize | insignificant |
| 72031 | webrax-OA 710/RB 377 YX Kombi | --- | different colours, dependent on gritsize | insignificant |
| 72060 | webrax-OS 715/RB 315 X Kombi | --- | different colours, dependent on gritsize | insignificant |
| 72100 | webrax-PN 721 | --- | yellow | insignificant |
| 90096 | Foam pad, 5 mm | --- | dark grey | insignificant |
| 90351 | Sanding sponge four sided | +: 36,60,80,100,180,220 | dark grey | insignificant |
| 90357 | Sanding Sponge FMA 105 velour backed | +: 60,100,180,220,280,400, 600 | grey | insignificant |
| 90358 | Sanding Sponge Pad single sided | +: 60-220,240,400,600 | dark grey | insignificant |
| 91527 | Finenet FN 915 VEL | +: 240,360,500,600,800,1000 | grey | insignificant |
| 92400 | GA 92400 | +: 400-1200 | different colours, dependent on gritsize | insignificant |
| 92407 | GA 92407 VEL | +: 400,600-800 | different colours, dependent on gritsize | insignificant |
| | | | | |
| | | | | |
| | | P: FEPA #: ANSI +: others | | |