

05/10/2006 13:24 4158848091

SAVOIR FAIRE

PAGE 05/23

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Date: 11/02/98

DIN safety data sheet

Company BLEISTIFTFABRIK HIRM GMBH, AUSTRIA	
Commercial product name GRAPHITE MONOLITH HB, 2B, 4B, 6B, 8B, 9B	
1.1	Chemical characterization: BURNT MIXTURE OF GRAPHITE AND CLAY, STEARIC ACID LACQUER
1.2	Form: CYLINDRICAL
1.3	Colour: SILVERGREY
1.4	Odour: NONE
2 Physical data and safety data Tested in accordance with:	
2.1	Change in physical state
2.2	Density (°C) g/cm ³ Bulk density kg/m ³
2.3	Vapour pressure (°C) mbar
2.4	Viscosity (°C) mbar
2.5	Solubility in water (°C) g/l in (°C) INSOLUBLE g/l
2.6	pH value (at g/l H ₂ O) (°C)
2.7	Flash point °C
2.8	Ignition temperature °C
2.9	Explosion limits Lower: Upper:
2.10	Thermal decomposition
2.11	Hazardous decomposition products
2.12	Hazardous reactions NONE AT CORRECT HANDLING
2.13	Further information
3	Transport GGVSee/IMDG code: UN No.: ICAO/IATA-DGR: GGVE/GGVS RID/AOR ADNR Clear information:
4	Regulations NONE

DIN safety sheet in accordance with DIN 11320-1, 11320-2, 11320-3, 11320-4, 11320-5, 11320-6, 11320-7, 11320-8, 11320-9, 11320-10, 11320-11, 11320-12, 11320-13, 11320-14, 11320-15, 11320-16, 11320-17, 11320-18, 11320-19, 11320-20, 11320-21, 11320-22, 11320-23, 11320-24, 11320-25, 11320-26, 11320-27, 11320-28, 11320-29, 11320-30, 11320-31, 11320-32, 11320-33, 11320-34, 11320-35, 11320-36, 11320-37, 11320-38, 11320-39, 11320-40, 11320-41, 11320-42, 11320-43, 11320-44, 11320-45, 11320-46, 11320-47, 11320-48, 11320-49, 11320-50, 11320-51, 11320-52, 11320-53, 11320-54, 11320-55, 11320-56, 11320-57, 11320-58, 11320-59, 11320-60, 11320-61, 11320-62, 11320-63, 11320-64, 11320-65, 11320-66, 11320-67, 11320-68, 11320-69, 11320-70, 11320-71, 11320-72, 11320-73, 11320-74, 11320-75, 11320-76, 11320-77, 11320-78, 11320-79, 11320-80, 11320-81, 11320-82, 11320-83, 11320-84, 11320-85, 11320-86, 11320-87, 11320-88, 11320-89, 11320-90, 11320-91, 11320-92, 11320-93, 11320-94, 11320-95, 11320-96, 11320-97, 11320-98, 11320-99, 11320-100

2085

05/10/2006 13:24

4158848091

SAVOIR FAIRE

PAGE 06/23

Commercial product name GRAPHITE MONOLITH, HB, 2B, 4B, 6B, 8B, 9B

5 Protective measures, storage and handling

5.1 Technical protective measures

5.2 Personal protective equipment Respiratory protection: Eye protection: Hand protection: Other:

5.3 Industrial hygiene WASH HANDS AFTER USE

5.4 Protection against fire and explosion

5.5 Disposal

6 Measures in case of accidents and fires

6.1 After spillage / leakage / gas leakage

6.2 Extinguishing media Suitable: WATER, FOAM, DRY EXTINGUISHING MATERIAL

Not to be used:

6.3 First aid VISIT PHYSICIAN IF SWALLOWED

6.4 Further information

7 Information on toxicity

NO HARM TO THE HUMAN HEALTH KNOWN

8 Information on ecological effects

NO NEGATIVE ECOLOGICAL EFFECTS KNOWN

9 Further information

3 of 5

05/10/2006 13:24 4158848091

SAVOIR FAIRE

PAGE 07/23

DIN safety data sheet

Date: 11.02.98

Company BLEISTIFTFABRIK HIRM GMBH, AUSTRIA			
Commercial product name GRAPHITE PENCILS, 1 - 4, 8B - 9H (123, 150 ..)			
1.1	Chemical characterization:	LEAD: BURNT MIXTURE OF GRAPHITE AND CLAY, STEARIC ACID CEDAR WOOD, LACQUER, STAMPING FOIL	
1.2	Form: HEXAGONAL	1.3 Colour: BLACK	1.4 Odour: NONE
2 Physical data and safety data Tested in accordance with:			
2.1	Change in physical state		°C °C
2.2	Density (°C)		g/cm ³
	Bulk density		kg/m ³
2.3	Vapour pressure (°C)		mbar
			mbar
2.4	Viscosity (°C)		
2.5	Solubility in water (°C)	INSOLUBLE	g/l
	in (°C)		g/l
2.6	pH value (at g/l H ₂ O) (°C)		
2.7	Flash point		°C
2.8	Ignition temperature		°C
2.9	Explosion limits	Lower: Upper:	
2.10	Thermal decomposition		
2.11	Hazardous decomposition products		
2.12	Hazardous reactions	NONE AT CORRECT HANDLING	
2.13	Further information		
3 Transport			
	GGVSee/IMDG code:	UN No.:	ICAO/IATA-DGR:
	GGVE:GGVS	RID/ADR	ADNR
	Other information		
4 Regulations			
	NONE		

Bitte beachten: Diese sheet in accordance with DIN 52 900, erhältlich von Deutscher Versuchsanstalt für Papier - Sales No 11 828

4 of 5

05/10/2006 13:24

4158848091

SAVOIR FAIRE

PAGE 08/23

Commercial product name		GRAPHITE PENCILS 1 - 4, 8B - 9H (123, 150 ..)	
5	Protective measures, storage and handling		
5.1	Technical protective measures		
5.2	Personal protective equipment	Respiratory protection: Hand protection:	Eye protection: Other:
5.3	Industrial hygiene	WASH HANDS AFTER USE	
5.4	Protection against fire and explosion	NONE	
5.5	Disposal		
6	Measures in case of accidents and fires		
6.1	After spillage / leakage / gas leakage		
6.2	Extinguishing media	Suitable: WATER, FOAM, DRY EXTINGUISHING MATERIAL	
		Not to be used:	
6.3	First aid	VISIT PHYSICIAN IF SWALLOWED	
6.4	Further information		
7	Information on toxicity		
	NO HARM TO THE HUMAN HEALTH KNOWN		
8	Information on ecological effects		
	NO NEGATIVE ECOLOGICAL EFFECTS KNOWN		
9	Further information		

5 915