



SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Manufacturer: Black & Decker Accessories 701 East Joppa Rd. Baltimore, MD 21286 (410) 716-3900 (Emergency)	Hazard Rating: Health 1 Flammability 0 Reactivity 0
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Product Name: Wire Brushes with Carbon Steel or Stainless Steel Wire
 Product Type: Wire Brushes

SECTION II: COMPOSITION PER 20CFR 1910.1200(G)(4)

Chemical Name	Max %	CAS #	OSHA PEL	ACGIH TLV	Carcinogenic Y/N
Iron	99	7439-89-6	N/A	N/A	N
Carbon	1.1	7440-44-0	15 mg/m ³		N
Phosphorous	0.04	7723-14-0	0.1 mg/m ³	0.1 mg/m ³	N
Silicon	5	7440-21-3	5 mg/m ³ (respirable)	5 mg/m ³ (respirable)	N
Sulfur	0.035	7704-34-9	¹³ mg/m ³ (as SO ₂)	0.25 ppm (as SO ₂)	N
Lead	0.005	7439-92-1	0.5 mg/m ³	0.5 mg/m ³	N
Manganese	15	7439-96-5	5 mg/m ³	5 mg/m ³ (dust)	N
Vanadium	0.35	7440-62-2	0.5 mg/m ³ (as V ₂ O ₅)	0.5 mg/m ³ (as V ₂ O ₅)	N
Chromium	30	7440-47-3	1 mg/m ³	0.5 mg/m ³	N
Nickel	38	7440-02-0	1 mg/m ³	1.5 mg/m ³	N
Molybdenum	8	7439-98-7	5 mg/m ³	0.2 mg/m ³	N
Petroleum Distillates	1.0	64742-52-5	5 mg/m ³ (as oil mist)	5 mg/m ³ (as oil mist)	N
Petroleum Distillates	1.0	64741-86-2	5 mg/m ³ (as oil mist)	5 mg/m ³ (as oil mist)	N
Petroleum Distillates	1.0	64741-97-5	5 mg/m ³ (as oil mist)	5 mg/m ³ (as oil mist)	N
Phosphate	1.0	14265-44-2			N
Borax	1.0	1303-96-4	10 mg/m ³	1 mg/m ³	N
Lime	1.0	1305-62-0	15 mg/m ³		N
Drawing Lubricant	1.0	1592-23-0	10 mg/m ³	10 mg/m ³	N
Drawing Lubricant	1.0	822-16-2	10 mg/m ³	10 mg/m ³	N

SECTION III: HAZARDS IDENTIFICATION

Primary Routes of Entry Acute and Chronic Health Effects and Effects of Overexposure

Inhalation (during use) Ingestion (during use) Skin, Contact & Absorption (during use) Eye (during use)	Acute: Coughing, shortness of breath. Chronic: May affect breathing capacity. May affect pre-existing respiratory condition(s) No known adverse effects, but ingestion not recommended Some may experience skin irritation from dust Dust may irritate eyes
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Other Potential Risks Usage may create elevated sound levels which may affect hearing and pre-existing hearing condition(s).

SECTION IV: HEALTH, FIRST AID AND MEDICAL DATA

Primary Routes of Entry First Aid and Medical Information

Inhalation (during use) Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.

Ingestion (during use) Obtain medical assistance.

Skin, Contact & Absorption (during use) Wash affected areas with soap and water. Obtain medical assistance.

Eye (during use) Wash with large quantities of water. Obtain medical assistance.

Other Potential Risks Obtain medical assistance.

SECTION V: FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A**, NAIF*	Method Used: N/A**
Flammable Limits:	LEL: NA**	UEL: NA**
Extinguishing Media:	Water	
Special Fire Fighting Procedures:	None	
Explosion Potential:	NAIF*	

SECTION VI: MEASURES ACCIDENTAL RELEASE

This product is stable and does not involve any risk of contamination. Make sure the product is properly disposed.

SECTION VII: STORAGE, HANDLING AND USE PROCEDURES

Normal Storage and Handling: Store brushes in a dry location. Consult ANSI B165.1: Power-Driven Brushing Tools – Safety Requirements for Design, Care and Use.

Normal Use: Use with adequate ventilation when dry sawing. See OSHA 29CFR 1910.94 (Ventilation) and 29CFR 1910.1000 (Air Contaminants). Use all brushes in accordance with all applicable federal and state safety codes and as directed in ANSI B165.1: Power-Driven Brushing Tools – Safety Requirements for Design, Care and Use.

Steps to be Taken in Case of Leaks and Spills: Normal cleanup procedures

SECTION VIII: PERSONAL PROTECTION INFORMATION

Respiratory Protection: As required, for approved dust respirators see OSHA 29CFR 1910.134

Ventilation:	Local:	Recommended
	Mechanical:	Recommended
	Other:	NAIF*

Protective Gloves: Recommended, as desired by user

Eye Protection: Recommended, see OSHA 1910 29CFR 1910.133 (Eye protection)

Other Equipment: As required hearing protection, see OSHA 29CFR 1910.95 (Hearing protection)

SECTION IX: PHYSICAL DATA

Boiling Point (°F):	N/A**	Specific Gravity (H ₂ O=1):	Varies
Vapor Pressure (mm Hg):	N/A**	% Volatile by Volume:	0
Vapor Density (Air=1):	N/A**	Evaporation Rate:	N/A**
Water Solubility:	Negligible	Solubility in Other Solvents:	NAIF*
Appearance:	Gray-Black Solid Brush		
Odor:	Odorless.		

SECTION X: STABILITY AND REACTIVITY

Under normal conditions:	Stable
In the presence of flames:	Stable
Polymerization risk:	None
Conditions to avoid:	None
Incompatible materials:	Acids
Products of decomposition or combustion:	In use, the brushes will generate dust and odors. In most cases, the material removed from the work piece will be significantly greater than that generated from the brush.

SECTION XI: TOXICOLOGICAL INFORMATION

This product is considered a consumer product/finished product. No data is available regarding ingestion or other contact with the body toxicological level.

*See Section III on risk identification for more information in case of normal use.

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity: The product is inert and presents no direct risk for aquatic and terrestrial life.

Environment: The product is not biodegradable. The product should be disposed properly.

SECTION XIII: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Standard landfill methods in compliance with all applicable federal, state, and local laws.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated for transport.

SECTION XV: REGULATORY INFORMATION:

No special regulations for this product.

SECTION XVI: OTHER INFORMATION

REFERENCES

1. ANSI/OPEI B165.1

Disclaimer: the information presented in this SDS was obtained from sources which are believed to be reliable, However, the information is provided without any representation or warranty, expressed or implied,

regarding accuracy or correctness. The conditions or methods of storage, handling, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility for loss, damage, or expense arising out of or in any way connected with the storage, handling, use, or disposal of this product.

Prepared	September 9, 2015 (Reviewed 1, 2020)
NAIF*:	No applicable information found
NA**:	No applicable information found