



SDS Number: Steel Wire Brushes
Revision Date: 4/3/2025

SAFETY DATA SHEET

This Safety Data Sheet (SDS) covers welding consumables and related products and complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Superfund Amendments and Reauthorization Act (SARA) of 1986. Refer to the OSHA standard for specific requirements. This SDS is available on our website at www.forneyind.com, through your sales representative, or by contacting customer service at 1-800-521-6038.

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION:

Manufacturer/Supplier: Forney Industries, Inc.
Address: 2057 Vermont Drive Fort Collins, CO 80525
Website: www.forneyind.com
Email: CustomerService@forneyind.com
Phone Number: +1 (800) 521-6038
USA Emergency Phone Number: +1 (800) 535-5053
International Emergency Phone Number: +1 (352) 323-3500
Trade Name: Steel Wire Brushes

Recommended Use: Material removal, surface finishing

Forney ITEM#'s: **72753, 72757, 72759, 72788**

SECTION 2 – HAZARDS IDENTIFICATION:

Emergency Overview: This product is normally not considered hazardous as shipped.

Avoid eye contact or inhalation of dust from the product. Signal Word

None

Hazard Statement:

A greater hazard, in most cases, is the exposure to the dust/fumes from the material being brushed and the potential hazard from this exposure must be evaluated.



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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient name	CAS Number	EC#	Weight(%)
Fe	7439-89-6	231-096-4	98.007
Mn	7439-96-5	231-105-1	1.01
C	7440-44-0	231-153-3	0.66
Si	7440-21-3	231-130-8	0.23
Cr	7440-47-3	231-157-5	0.04
Ni	7440-02-0	231-111-4	0.02
P	7723-14-0	231-768-7	0.017
Cu	7440-50-8	231-159-6	0.01
S	7704-34-9	231-722-6	0.006

SECTION 4 – FIRST AID MEASURES:

Under normal handling and use, exposure to solid forms of this material present few health hazards.

Inhalation: Remove to fresh air immediately or administer oxygen. Get medical attention immediately. Skin: Flush skin with large amounts of water. If irritation develops and persists, get medical attention. Eye: Flush eyes with water for at least 15 minutes.

Ingestion:

If dust is swallowed, seek medical attention.

Most Important Symptoms/Effect, Acute and Delayed:

Use may generate dust that may cause eye and respiratory tract irritation. Dust may be harmful by inhalation and ingestion.

SECTION 5 – FIRE-FIGHTING MEASURES:

Nonflammable

Suitable extinguishing media: Not Applicable.

Special hazards of product: Stimulating gases will be generated during the high-temperature heating process. Protective equipment for firefighting: Full face, self-contained breathing apparatus and full protective clothing when necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:

Personal Precautions, Protective Equipment and Emergency Procedures:

Minimize generation of dust. Use appropriate protective equipment to avoid inhalation and eye contact if dust is generated.

Methods for Clean Up:

Pick up, sweep up or vacuum any dust, and place in a container for disposal.



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SECTION 7 – HANDLING AND STORAGE:

Handling: Use only with adequate ventilation. Avoid breathing dust.

Storage: Store in a dry location.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<i>Ingredients</i>	<i>OSHA / PEL</i>	<i>ACGIH /TLV</i>
Iron	No exposure limit established	No exposure limit established
Carbon	15 mg / m ³	
Manganese	5 mg/ m ³	0.2 mg / m ³
Phosphorus	0.1 mg/ m ³	0.1 mg / m ³
Silicon	5 mg/m ³ (respirable)	5 mg/ m ³ (respirable)
Sulfur	13 mg/m ³ (as SO ₂)	0.25 ppm (as SO ₂)
Lead	0.5 mg/m ³	0.5 mg / m ³
Vanadium	0.5 mg / m ³ (as V ₂ O ₅)	0.5 mg/m ³ (as V ₂ O ₅)
Chromium	1 mg/m ³	0.5 mg / m ³
<i>Optional Coatings</i>		
Petroleum Distillates	5 mg/m ³ (as oil mist)	5 mg/m ³ (as oil mist)
Phosphate	No data	No data
Borax	10 mg / m ³	1 mg/m ³
Lime	15 mg/ m ³	
Drawing Lubricant	10 mg / m ³	10 mg / m ³

Note: Consider also components of base materials and coatings being worked.

Engineering Controls:

Ensure adequate ventilation to maintain exposures below occupational limits.

Whenever possible the use of local exhaust ventilation or other engineering controls is the preferred method of controlling exposure to airborne dust and fume to meet established occupational exposure limits.

Protective:

Minimize generation of dust. Use appropriate protective equipment to avoid inhalation and eye contact if dust is generated. Wash dust from skin with soap and water.

Hand Protection:

Cloth or leather gloves recommended.

Eye Protection:

Safety goggles

Skin Protection:

Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Solid
Odor Threshold	Not determined
pH	N/A
Flash Point	N/A
Evaporation Rate	N/A
Melting Point	- 2,500°F – 2,650°F
Boiling Point	No data
Flammability	No data
Vapor Pressure	No data
Vapor Density	No data
Solubility in H ₂ O	Insoluble
Partition Coefficient	Not determined
Auto-Ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	N/A

SECTION 10 – STABILITY AND REACTIVITY:

Reactivity:

No data

Chemical Stability:

Stable. Rust may occur.

SECTION 11 – TOXICOLOGICAL INFORMATION:

Route of Exposure

Inhalation, skin, eyes. Product as shipped does not present an inhalation hazard; however subsequent operations may create dusts or fumes which could be inhaled.

Eyes

Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes. Skin

Contact

None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Inhalation

Dust may cause respiratory irritation. May be harmful by inhalation. Prolonged inhalation may cause lung damage.

Ingestion



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None expected under normal use conditions. May be harmful if swallowed. Acute

Toxicity

No data Reproductive Toxicity

Not expected to cause reproductive toxicity. Carcinogenicity

None of the components of this product are listed as a carcinogen or potential carcinogen by OSHA NTP or IARC. Germ

Cell Mutagenicity

Not expected to be a mutagen Repeat

Exposure

Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being brushed. Most of the dust generated during brushing is from the base material being brushed and the potential hazard from this exposure must be evaluated.

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity

No ecological data is available for this product. Persistence and

Degradability

No data

Bio-Accumulative Potential No data

Mobility in Soil No data

Other Adverse Effects

No data

SECTION 13 – DISPOSAL CONSIDERATIONS:

Nature Of The Waste: Solid wastes

General

Dispose of in accordance with Federal, State and Local regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

Package

Dispose of in accordance with Federal, State and Local regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.



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SECTION 14 – TRANSPORT INFORMATION:

UN Number
N/A
UN Proper Shipping Name
N/A
Transport Hazard Class
N/A
Packing Group N/A
Environmental hazards N/A
Special Precautions

SECTION 15 – REGULATORY INFORMATION:

HMIS Rating
Health: 0
Flammability: 0
Reactivity: 0
NFPA Rating
Health: 0
Flammability: 0
Reactivity: 0
California Proposition 65
WARNING: You create dust when you cut, sand, drill or grind materials such as wood, paint, cement, masonry or metal. This product & the dust it creates contains chemicals known in the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 – OTHER INFORMATION:

The guide introduces the product information, read the copy of the guide personnel should according to the characteristics of the industry and the latest development to make a choice, related information is available. The information contained in this is believed to be accurate, we are not liable because trust all involved in this paper. All of the final interpretation of the company.