

Safety Data Sheet



Product Name: Silicon Carbide
Wood Working Wheel

Revision Date: August 29, 2018
Issue Date: April 24, 2015

1. Product and Company Identification

Product Name: Silicon Carbide Wheels

Company Address:

Schaffner Manufacturing Co. Inc.
21 Herron Ave.
Emsworth, Pa. 15202

Product Description: Silicon Carbide
Wood Working Wheel– All Sizes

Contact Information:

Telephone: 412-761-9902
Emergency Telephone: 412-761-9902
Internet: www.schaffnermfg.com

2. Hazards Identification

Signal Word: Warning

Primary Entry Routes: Skin contact, eye contact

Target Organs: Skin, eyes

Acute Effects

Inhalation: Irritation possible from prolonged contact

Eye: Irritation possible from prolonged contact

Skin: Irritation possible from prolonged contact

Ingestion:

Carcinogenicity: Possibly carcinogenic to humans

Medical Conditions Aggravated by Long-Term Exposure: N/A

Chronic Effects: N/A

3. Composition - Information on Ingredients

Ingredient Name	CAS Number
Silicon Carbide	409-2-2
Polyurethane	9009-54-5
Acrylonitrile	107-13-1

Safety Data Sheet



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Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Silicon Carbide	10 mg/m ³	none estab.	10 mg/m ³	none estab.	none estab.	none estab.	none estab.
Polyurethane	766 mg/m ³	none estab.	958 mg/m ³	none estab.	none estab.	none estab.	none estab.
Acrylonitrile	4 mg/m ³	none estab.	none estab.	none estab.	8.6 mg/m ³	none estab.	none estab.

4. First Aid Measures

Emergency and First Aid Procedures

Inhalation: Cough to clear throat. Seek Medical Attention

Eye Contact: Rinse with water for 15 minutes. Seek medical attention.

Skin Contact: Rinse with water.

Ingestion: Give water. Seek Medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians: None

Special Precautions/Procedures: It is recommended that safety glasses and dust mask be worn during operation.

5. Fire Fighting Measures

Flash Point: N/A

Flash Point Method: N/A

Burning Rate: N/A

Autoignition Temperature: N/A

LEL: N/A

UEL: N/A

Flammability Classification: N/A

Extinguishing Media: Water, carbon dioxide, and Foam

Unusual Fire or Explosion Hazards: N/A

Hazardous Combustion Products: N/A

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Safety Data Sheet



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6. Accidental Release Measures

Spill /Leak Procedures: Clean up and dispose of in accordance with applicable laws.

Small Spills: Clean up and dispose of in an accordance with applicable laws.

Large Spills

Containment: N/A

Cleanup: Clean up and dispose of in accordance with applicable laws.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Container Cleaning and Disposal: Follow applicable Federal, state, and local regulations.

Ecological Information: N/A

7. Handling and Storage

Handling: Protective gloves are recommended for prolonged handling.

Storage: Store in a cool, dry area.

Incompatible Products: N/A

8. Exposure Controls/ Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Safety Data Sheet



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Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Safety Stations: Make emergency eyewash stations and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

9. Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Green

Odor Threshold: N/A

Vapor Pressure: N/A

Vapor Density (Air=1): N/A

Formula Weight: none estab.

Density: N/A

Specific Gravity (H₂O=1, at 4 °C): N/A

pH: N/A

Water Solubility: N/A

Other Solubility: N/A

Boiling Point: N/A

Freezing/Melting Point: N/A

Viscosity: N/A

Refractive Index: N/A

Surface Tension: N/A

% Volatile: N/A

Evaporation Rate: N/A

10. Stability and Reactivity

Stability: Wood Wheels are stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: N/A

Conditions to Avoid: N/A

Hazardous Decomposition Products: N/A

Safety Data Sheet



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11. Toxicological Information

Carcinogenicity: Possibly carcinogenic to humans

Acute Toxicity: On the skin can cause mild irritation.
On the eye can cause mild irritation.
Ingestion - can cause mild irritation.

12. Ecological Information

Ecological Toxicity: Not Determined

Environmental Fate: Not Determined

13. Disposal Considerations

Recommended Method of Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

EPA Hazardous Waste Number: Not listed (40 CFR 261.33): N/A

14. Transport Information

Handling Precautions: N/A

Storage Requirements: No special requirements

DOT Transportation Data (49 CFR 172.101):

Shipping Name: N/A
Shipping Symbols: N/A
Hazard Class: N/A
ID No.: N/A
Packing Group: N/A
Label: N/A
Special Provisions (172.102): N/A

Packaging Authorizations
a) **Exceptions:** N/A
b) **Non-bulk Packaging:** N/A
c) **Bulk Packaging:** N/A

Quantity Limitations
a) **Passenger, Aircraft, or Railcar:** N/A
b) **Cargo Aircraft Only:** N/A

Vessel Stowage Requirements
a) **Vessel Stowage:** N/A
b) **Other:** N/A

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15. Regulatory Information

U.S. Federal Regulations:

TSCA Status: All Components of this product are listed on the TSCA Inventory

CERCLA Reportable Quantity: Unknown

SARA Title III:

Section 302 Extremely Hazardous Substances: None.

Section 311/312 Hazard Categories: Immediate (Acute), Chronic

California Proposition 65:

⚠️ WARNING: This product can expose you to Silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

16. Other Information

HMIS: **Health: 1** **Flammability: 0** **Reactivity: 0**

Prepared By: Schaffner Manufacturing Company, Inc

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