



# WSDS-010 Buffing Wheels

## Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Buffing Wheels

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Manufacturing

#### 1.3. Details of the supplier of the safety data sheet

Weiler Corporation  
1 Weiler Drive  
Cresco, PA 18326

#### 1.4. Emergency telephone number

Emergency number : 570-595-7495

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This product as manufactured is defined as an article per 29 CFR 1910.1200. No exposure hazards are anticipated during normal product handling conditions. In most cases, the material(s) removed from the workpiece may present a greater hazard than material released by the product. Based upon the materials that are contained within the working portion of this product it is possible that some dust particles from this product may be generated. The following safety data is presented for potential exposure hazards as associated with the dust particles that are related to this product.

#### Classification (GHS-US)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

This product as manufactured is defined as an article, therefore no labeling is required for the product as manufactured.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Buffing wheels are made using a variety of woven cotton sheetings or blends of woven cotton polyester fibers. In the finishing field they serve two main functions: 1) to carry the abrasive particles, formulated in the buffing compound, across the work surface in order to perform a cutting, deburring or coloring action; 2) where required to generate sufficient frictional heat to permit plastically flowing or burnishing the work to a smooth surface. It is to perform these two principal functions that buffing wheels are produced in a range of designs, buffing fabrics and constructions. The nature and shape of the work piece and the ultimate finish desired dictates the styles best suited for a particular application. To functionally impart hardness and improve performance, dip treating solutions may be added to bind the fibers more tightly together. The treating solutions are water based emulsions, formulated using polyvinyl adhesives, vegetable waxes and resins not considered or known to be hazardous or toxic.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.

First-aid measures after skin contact : Wash with soap and water. Seek medical advice if skin irritation develops or persists.

First-aid measures after eye contact : Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

First-aid measures after ingestion : Seek medical attention.

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

Symptoms/injuries after inhalation : Dusts may cause coughing, shortness of breath. Prolonged breathing of dusts may affect breathing capacity.

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Symptoms/injuries after skin contact : Irritation of the skin may occur due to mechanical/chemical action or dermatitis reaction.  
Symptoms/injuries after eye contact : Dust or buffing debris may irritate or damage the eyes without protection.  
Symptoms/injuries after ingestion : None under normal use. May cause gastrointestinal disturbances, constipation or diarrhea if swallowed.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use carbon dioxide, dry chemical, or water fog  
Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.  
Explosion hazard : None known.

### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear. Treat buffing dust, dirt and debris as an oil fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

None.

### 6.3. Methods and material for containment and cleaning up

For containment : No special measures required.  
Methods for cleaning up : No special measures required.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Handle with adequate ventilation for nuisance dust. Avoid running buffing wheels dry and without frequent compound application as needed to prevent rapid deterioration, fraying, potential scorching, yellowing and burning

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage conditions required.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Buffing Wheels	
ACGIH	Not applicable
OSHA	Not applicable

### 8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.  
Hand protection : Wear heavy duty work gloves for hand protection.  
Eye protection : Safety glasses or face shield.  
Skin and body protection : Wear suitable working clothes.  
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Wheel with woven cotton or polyester sheeting/fibers.
Color	: Variable
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Specific gravity	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur.

#### 10.4. Conditions to avoid

None.

#### 10.5. Incompatible materials

None.

#### 10.6. Hazardous decomposition products

Not determined.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified

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Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not a dangerous good as defined in transport regulations

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. US State regulations

No additional information available

### SECTION 16: Other information

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*