



## SAFETY DATA SHEET (M)SDS – SHAFTED ABRASIVE FLAP WHEEL

### IMPORTANT NOTICE

Coated abrasives are dormant products which will not create any risk when properly handled or stored. When used on a grinding machine, they require specific instructions and safety gear to protect the operators. During the grinding operation, 90% or more of the particles of dust come from the material being ground and, for wet grinding, from aerosols created by the grinding fluid. Focused attention must therefore be given to the part and fluid, and the correct protection devices must be installed.

### SECTION 1: PRODUCT AND COMPANY INFORMATION

1. Product Name	Shafted Flap Wheel,LS 309x
2. Product Grade	Coated Abrasive
3. Manufacturer Name	CGW Abrasives
4. Address	7525 N. Oak Park Ave. Niles, IL 60714 , U.S.A.
5. Phone Numbers	(847) 647-5994
6. Date Prepared	10.21.2016
7. Date Updated	5.11.2017

### SECTION 2: COMPOSITION AND INGREDIENTS INFORMATION

Product Summary :	Shafted Flap Wheel with ALOX abrasive X- WT Cloth
1. Abrasive	Aluminum Oxide
2. Bond	Resin over Resin
3. Fillers	None
4. Backing	Cloth, Cotton X Weight

### SECTION 3: HAZARDOUS INGRIDIENT IDENTIFICATION (HAZARDOUS IDENTIFICATION)

NOT APPLICABLE

Coated Abrasives are not dangerous products defined in EC N° 1272/2008 (CLP)

### SECTION 4: FIRST AID MEASURES

NOT APPLICABLE WHEN COATED ABRASIVES ARE IN USE ON MACHINES

The following recommendations are basic rules during a grinding operation, they must be followed in conjunction with the information appearing in the safety data sheets of the material ground and of the grinding fluid when used. Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly



1. Eye Contact Flush eyes with plenty of water for at least 15 minutes. If still irritated, seek medical attention.
2. Skin Contact Wash affected area with soap and water thoroughly. If still irritated, seek medical attention.
3. Inhalation Immediately remove affected person to fresh, clean air. If breathing is difficult, seek medical attention.
4. Ingestion If significant quantities are ingested, seek medical attention.
5. Notes No additional information needed.

## SECTION 5: FIREFIGHTING MEASURES

1. Flammable Properties
  - a. Flash Point None Apply
  - b. Autoignition Temperature None Apply
2. Suitable Extinguishing Media Use water, carbon dioxide, foam, sand, or dry chemical can be used if compatible with operating conditions.
3. Protection for Firefighters
  - a. Special Fire Fighting Procedures Firefighters should wear full protective gear  
Wear full protective equipment (bunker gear) and a self-contained breathing apparatus (SCBA)
  - b. Unusual Fire and Explosion Hazards None apply to this product
4. Hazardous Combustion Products None known

## SECTION 6: ACCIDENTAL RELEASE

1. Personal Precautions None Apply
2. Protective Equipment
3. Emergency Procedures
4. Environmental Precautions None Apply
5. Methods of Containment and Clean Up None Apply

## SECTION 7: HANDLING AND STORAGE REQUIREMENTS

1. Handling Check product for damage such as cracks or nicks prior to use. Replace if damaged. Damaged product can break apart during use and cause serious injury to face and/or eyes.
2. Storage Store in a moderate constant temperature and humidity conditions.
3. Notes Handle with care, avoid impact. Impact may damage product and result in serious injury if used. For detailed Recommendations, refer to the PODIM Safety Leaflet For Coated Abrasives and/or recommendations of the manufacturer.



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## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### NOT APPLICABLE WHEN COATED ABRASIVES ARE HANDLED OR STORED PROPERLY

During the grinding operation with coated abrasives particles of dust come from the material being ground. The general value for dust is max. 6 mg/m<sup>3</sup>.

The following personal protective equipment should be used dependent on the operation and the material being ground.

1. Respiratory Protection    Avoid breathing of dust created by sanding, grinding, or machining. When exposure limits exceeded or when dust concentrations are excessive, approved respirators for those conditions should be used.
2. Ventilation                Use local exhaust ventilation as required to ensure exposure to dust levels are not exceeded.
3. Skin Protection            Heavy duty cloth or leather gloves are recommended to minimize risk of injury to skin from contact with dust or physical abrasion from sanding or grinding.
4. Eye Protection             Avoid eye contact. Safety goggles with side shields recommended, or full face shield.
5. Ear Protection              No additional information needed.
6. Other Protective Gear      No other protective gear recommended other than protective clothing to avoid contamination of personal clothing.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

1. Appearance                Abrasive Flaps bonded on a steel shaft
2. Physical State              Solid
3. Change of Physical State    Not applicable
4. Color                        Variable
5. Odor                         Odorless
6. Boiling Point                None Apply
7. Vapor Density                None Apply
8. Vapor Pressure                None Apply
9. Specific Gravity                None Apply
10. Melting Point                None Apply
11. Solubility in Water            Paper label is slightly soluble
12. Evaporation Rate              None Apply
13. Flash Point                 None Apply
14. pH                         Not applicable
15. Explosion Properties            Not applicable



16. Viscosity Not applicable

#### SECTION 10: STABILITY AND REACTIVITY

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|--|--|
| 1. Stability                             | Stable and non-reactive when handled or stored properly.   |
| 2. Incompatibility                       | None known.  |
| 3. Hazardous Decomposition of Byproducts | At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.   |
| 4. Hazardous Polymerization              | Does not occur   |
| 5. Material to Avoid                     | Strong acids, strong bases, and strong oxidizing agents may modify the mechanical characteristics of the products and create safety hazards when used on machines. |

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### NOT APPLICABLE WHEN HANDLED OR STORED

According to experience gathered for many years, when properly used, coated abrasives have no adverse effect on health. Refer to preliminary note about dust and aerosols of grinding fluid.

#### SECTION 12: ECOLOGICAL INFORMATION

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|-----------------------------------|----------------|
| 1. Ecotoxicity                    | Not applicable |
| 2. Persistence/ Degradability     | Not defined    |
| 3. Bioaccumulation / Accumulation | Not applicable |
| 4. Mobility in Environment        | Not applicable |

#### SECTION 13: DISPOSAL INFORMATION

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|--------------------------------------|--|
| 1. Proper Disposal Method            | Dispose of product in a sanitary landfill in accordance with local/regional/national/international regulations |
| 2. EPA Hazardous Waste Number (RCRA) | May be contaminated with hazardous matters such as particles or cooling agents                                 |

All disposal activities must comply with federal, state, and local regulations. Local regulations may be more stringent than state or national requirements.

#### SECTION 14: TRANSPORT INFORMATION

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|---------------------------------------|---|
| 1. Department of Transportation (DOT) | Not a dangerous good defined in transport regulations |
| 2. Special Provisions                 | None Apply  |



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## SECTION 15: ENVIRONMENTAL AND REGULATORY INFORMATION

1. US Federal Regulations
2. US State Regulations
3. National Regulations                      Refer to relevant text
4. International Regulations
6. EC – Regulations                              NONE, no specific marking required under respective EC directives.

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## SECTION 16: OTHER

### WARNING!

The information above is based on actual practice and does not constitute a guarantee. The laws and regulations must be strictly followed by the operators who remain responsible for the use of the coated abrasives.

California Proposition 65:

This product can expose you to chemicals which are known to the state of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov):