



Metabo Corporation

Hazard Communication

May, 2015

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Identifier: Reinforced Resin Bonded Abrasive Products
Manufacturer Name: Metabo Corporation
Address: 1231 Wilson Drive
West Chester, PA 19380
Phone: 800-638-2264
Fax: 800-638-2261
Recommended Use: Cutting and/or Grinding
Restrictions On Use: Dangerous, improper use may cause wheel breakage and serious injury. Do not abuse, over speed or drop wheel. Safe to use only if mounted, guarded and operated according to ANSI B7.1 and OSHA Regulations. Read safety tips in package. Always use a guard!

SECTION 2 - HAZARD(S) IDENTIFICATION

Hazard Status: This product is classified as non-hazardous under OSHA Hazard Communication Standard, 29 CFR 1910.1200
Label elements: Not applicable
Pictograms: Not applicable
Description of Hazard(s):
Respiratory: Wheel dust is a respiratory irritant
Skin: Wheel dust and fiberglass reinforcement is a skin irritant
Ingestion: Acute product toxicity unknown
Eyes: Wheel dust is an eye irritant
Chronic: Potential chronic effects include skin sensitization and restricted breathing
Wear respirator, eye protection and protective clothing when using product.
Product will produce sparks and debris when in use; Never use this product near reactive or flammable substances
Never use product if it comes in contact with water
Supplemental Labeling: 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 ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

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|----------------------------|---|
| Routes of Exposure: | Inhalation, skin contact, eye contact and ingestion |
| Related Symptoms: | Breathing in dust may cause irritation to the nose, throat and upper respiratory tract. May cause abrasive skin irritation. May cause eye irritation and injury. Not toxic if ingested. Swallowing may cause gastrointestinal disturbances or obstructions. |
| Acute and Chronic Effects: | Prolonged inhalation of Respirable dust may cause adverse lung effects, including cancer. Smoking may aggravate chronic effects. Prolonged exposure to elevated noise levels during operations may affect hearing. In most cases, the greater hazard is the exposure to the dust/fumes from the material (paint/coatings) being cut and ground. Most of the dust is generated during grinding and cutting of the base material and the potential hazard from this exposure must be evaluated. |
| Carcinogenicity: | Unknown |
| Mutagenicity: | Unknown |
| Reproductive Effects: | Unknown |

SECTION 12 - ECOLOGICAL INFORMATION*

Data from Toxicity Tests: No adverse effects on aquatic organisms are expected.

SECTION 13 - DISPOSAL CONSIDERATIONS*

Proper Disposal Practices: Disposal practices are in accordance with local, state and national regulations.

SECTION 14 - TRANSPORT INFORMATION*

Proper Transport of Hazard: Not regulated as a hazardous material for transport.
Material:

SECTION 15 - REGULATORY INFORMATION*

Safety, Health and Environmental Regulations: No Data Available

SECTION 16 - OTHER INFORMATION

Date SDS Prepared: May 12, 2015
Last Revision Completed: May 12, 2015

Statement of Accuracy: The above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Metabo Corporation shall not be held liable for any damage resulting from handling or from contact with the above products. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.

*Non-Mandatory



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Chemical Hazards from Fire: These products are not flammable or combustible; however, consideration must be given to the potential fire/explosion hazards from the base material being processed. Many materials create flammable/explosive dusts or turnings when machined or ground.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Environmental: Avoid contamination of water supplies and environmental releases. Report spills as required by authorities.

Protective Equipment: Wear appropriate respirator and protective clothing as needed to avoid eye contact and inhalation of dust.

Methods of Containment and Clean-Up: Collect dry material, avoiding creating airborne dust. Place in a suitable container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Inspect wheel prior to mounting on machine for damage. Do not use at speeds greater than product maximum rates per minute (rpm) as indicated. Use with adequate ventilation. Avoid breathing dust. Avoid eye and skin contact with grinding dust. Wear suitable eye protection, gloves and appropriate protective clothing. Wash thoroughly after handling. Consider potential exposure to components of the base materials or coatings being ground or cut. Refer to OSHA substance specific standards for additional work practice requirements where applicable.

Storage: No special storage required. Avoid excessive temperatures in storage. Store in a dry area.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Name | NIOSH PEL | OSHA PEL (Ceiling) | OSHA PEL (TWA) |
|---------------------------|-----------------------|----------------------|-----------------------|
| Aluminum Oxide | 5 mg/m ³ | 15 mg/m ³ | 10 mg/m ³ |
| Silicon Carbide | 5 mg/m ³ | 15 mg/m ³ | 3 mg/m ³ |
| Zirconium Oxide | 5 mg/m ³ | N/A | 10 mg/m ³ |
| Cured Phenolic Resin | None Established | None Established | None Established |
| Calcium Oxide | 5 mg/m ³ | N/A | 2 mg/m ³ |
| Iron Pyrite | None Established | None Established | None Established |
| Potassium Fluoborate | 2.5 mg/m ³ | N/A | 2.5 mg/m ³ |
| Graphite | 5 mg/m ³ | 15 mg/m ³ | 2 mg/m ³ |
| Fluorspar | 2.5 mg/m ³ | N/A | 2.5 mg/m ³ |
| Barium Sulfate | 5 mg/m ³ | 15 mg/m ³ | 5 mg/m ³ |
| Calcium Carbonate | 5 mg/m ³ | 10 mg/m ³ | 10 mg/m ³ |
| Alkali Aluminum Fluorides | 2.5 mg/m ³ | N/A | 2.5 mg/m ³ |
| Potassium Sulfate | 15 mg/m ³ | N/A | 10 mg/m ³ |
| Fiberglass | 5 mg/m ³ | 15 mg/m ³ | 5 mg/m ³ |