



Part Numbers 55520, 55524, 55526,  
55571, 55572, 55554, 55550, 55552,  
555484, 55522, 55556

## Safety Data Sheet

### 1. IDENTIFICATION

**Product Identifier:** Mid-Alloy Cut Off Wheels (Type 1, Type 27)  
**Distributor:** THE MAINTENANCE CONNECTION  
31 Washington Ave., Scarborough, ME 04074  
888-298-8585

**INFO & EMERGENCY: 800-525-5053**

**Product Use:** For cutting and grinding metals, concrete and masonry  
**Restrictions on Use:** materials Use only as directed. See ANBI B7.1.

### 2. HARZARD(S) IDENTIFICATION

This product is a manufactured solid wheel in black, brown or red color, not physical hazardous.

Dust may cause respiratory, skin and eye irritation. Most of the dust generated during cutting and grinding process are from the base materials of the workpiece and not from the grinding wheel.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name	CAS #	Percentage (%)
Aluminum Oxide	344.28.1	60 - 90
Silicon Carbide	409-21-2	30 - 90
Cured Phenolic Formaldehyde resin	1314.23.4	5 - 16
Cryolite	15096-52-3	3 - 8
Calcium Metasil	13983-17-0	1 - 5
Lime	1305-78-8	1 - 5
Carbon Black	1333-86-4	.1 - .2
Fiberglass	65997-17-3	3 - 8

## 4. FIRST-AID MEASURES

**Skin Contact:** Wash dust from skin with water and soap thoroughly.  
**Eye Contact:** Hold eye lid(s) and flush eye(s) thoroughly with water.  
**Inhalation:** Remove victim to area with fresh air, seek medical attention if necessary.  
**Ingestion:** Seek medical attention if dust is swallowed.

## 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Techniques/Equipment: Use any media that is appropriate for surrounding environment

Chemical Hazard from Fire: This product is not combustible, but cautions must be given to potential hazards of fire or explosion from the base materials of the workpiece and surrounding environment.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Minimize dust generation. Wear appropriate protective gears to prevent skin or eye contact, inhalation, and ingestion of dust. Use normal clean up procedure.

Environmental Precautions: Prevent releases into the environment. Report if required by local, state or federal regulations.

## 7. HANDLING AND STORAGE

Handling: Always follow ANSI B7.1

Storage: Always follow ANSI B7.1. Keep in dry location, avoid extreme temperatures

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Controls and Engineering Controls:** Follow local or general ventilation requirements to minimize exposures to dust and keep concentration of contaminants below exposure limits.

**Personal Protection:** Always follow ANSI B7.1, wear protective gears, e.g. respirator, gloves, safety eye glasses, protective clothing, etc.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Wheel, solid with black, brown or red rough surface
<b>Odor:</b>	None
<b>Boiling point:</b>	Not applicable
<b>Melting point:</b>	Not applicable
<b>Freezing point:</b>	Not applicable
<b>Flash point:</b>	Not combustible
<b>Vapor pressure:</b>	No applicable
<b>Vapor density:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Water soluble:</b>	No
<b>Solubility:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Reactivity:</b>	Not reactive
<b>Hazardous Reactions:</b>	None known

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## 11. TOXICOLOGICAL INFORMATION

### Routes of Exposure

**Skin Contact:** None expected under normal conditions. Wheel may cause abrasions if rubbed on skin, dust may cause irritation.

**Contact:** Dust may cause irritation.

**Inhalation:** Dust may cause respiratory irritation.

**Ingestion:** None expected under normal conditions. Maybe harmful if swallowed.

**Related Symptoms, Acute and Chronic Effects:** Uncontrolled dust may cause skin, eye and respiratory irritation. Long term over exposure to respiratory dust may damage lungs. As most of the dust generated during cutting/grinding process are from the base materials of the workpiece, the potential hazards from them should be evaluated.

## 12. ECOLOGICAL INFORMATION

No data available.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance of applicable local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

Not as hazardous materials for transport.

## 15. REGULATORY INFORMATION

No data available.

## 16. OTHER INFORMATION

**Date of Previous Revision:** None

**Date of This Revision:** June 1, 2015

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