



Safety Data Sheet

1. IDENTIFICATION

Product Identifier: A-Solid Type 27 Grinder Wheels
Manufacturer: Weldcote
7720 Lehigh Ave, Niles, IL 60714 USA
TEL: +1-224-998-2600 FAX: +1-224-998-2649
Product Use: For cutting metals and stainless steel
Restrictions on Use: Use only as directed, see ANBI B7.1

2. HAZARD(S) IDENTIFICATION

This product is manufactured solid wheel in black, 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 material of the workpiece and not from the wheel.

3. COMPOSITION AND / INFORMATION ON INGREDIENTS

Substance Name	CAS#	Percentage (%)
Aluminum Oxide	334.28.1	65-90
Cured Phenolic Formaldehyde resin	1314.23.4	5-16
Cryolite	15096-52-3	3-8
Calcium Metasil	13983-17-0	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 products is not combustible, but cautions must be given to potential hazards of 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.

Environment Precautions: Prevent releases into the environment. Report if required by local government regulations.

7.HANDLING AND STORAGE

Handling: Always follow ANSI B7.1

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

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 PROPERITES

Appearance: Wheel, solid with black surface

Odor: None

Boiling point: Not applicable

Melting point: Not applicable

Freezing point: Not applicable

Flash point: Not applicable

Vapor pressure: Not applicable

Vapor density: Not applicable



Evaporation rate: Not applicable
Water soluble: No
Solubility: Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Reactivity: Not reactive
Hazardous Reactions: None known

11. TOXICOLOGICAL INFORMATION

Routes of Exposure

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

Contact: Dust may cause irritation.

Inhalation: Dust may cause respiratory irritation.

Ingestion: None expected under normal conditions. May 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 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 government 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: January 1, 2019