



Weldcote Metals

SAFETY DATA SHEET

According to GHS- Global Harmonized System

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity / Trade Name: Non-woven Abrasives Products (wheels, pads, discs, belts)

Product Use: Abrasive materials used for sanding metals, concrete, masonry and building materials.

Manufacturer: Weldcote Abrasives

Address: 7720 Lehigh Ave, Niles, IL 60714 USA

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Email: ordersniles@weldcotemetals.com

Information Phone: 224-998-2600 **Emergency Phone:** 224-998-2600

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2. HAZARDS IDENTIFICATION

Classification	Those products is classified not hazardous according to Reg. EC 1272/2008
Hazards to human	No relevant hazards to human
Hazards to the environment	No relevant hazards to environment
Physical or chemical hazards	No relevant physical or chemical hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

These products are nonwoven fibrous articles impregnated with abrasive particles which are bonded together with cured resins.

Hazardous Component	CAS #	% by weight
Aluminum Oxide	1344-28-1	0-75
Silicon Carbide	409-21-2	0-75
Cured Resins	N/A	0-60
Nylon/Polyester Fibers	N/A	5-60

4. FIRST AID MEASURES

Ingestion: If sanding dust is swallowed, seek medical attention.

Inhalation: If overexposed to sanding dust, remove victim to fresh air and get medical attention.

Eye Contact: Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation persists. Obtain immediate medical attention for foreign body in the eye.

Skin Contact: Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Special Firefighting Procedures: None needed.

Unusual Fire and Explosion Hazards: This product is not 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 sanded, machined or ground.

6. ACCIDENTAL RELEASE MEASURES

Pick up, sweep up or vacuum and place in a container for disposal. Minimize generation of dust. Notify authorities as required by local, state and federal regulations.

7. HANDLING AND STORAGE

Recommended Work Practices: Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking. Consider potential exposure to components of the base materials or coatings being ground. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Storage: Store in a dry location.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Hazardous Component	OSHA2014 TWA	ACGIH 2014 TWA
Aluminum Oxide	15 mg/m ³ (total dust)	1 mg/m ³ (respirable) (as Al metal)
Silicon Carbide	15 mg/m ³ (total dust)	10 mg/m ³ (inhalable fraction)
Cured Resins	None Established	None Established
Nylon/Polyester Fibers	None Established	None Established

Note: Consider also components of base materials and coatings being sanded.

Ventilation: Use local exhaust or general ventilation as required to minimize exposure to dust and maintain the concentration of contaminants below the TWAs.

Respiratory Protection: Use NIOSH approved respirator if exposure limits are exceeded or where dust exposures are excessive. Consider the potential for exposure to components of the coatings or base material being ground in selecting proper respiratory protection. Refer to OSHA's specific standards for lead, cadmium, etc. where appropriate. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and good industrial hygiene practice.

Gloves: Cloth or leather gloves recommended.

Eye Protection: Safety goggles, safety glasses with side shields or face shield over safety glasses with side shields.

Other: Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable **Vapor Pressure:** (mm Hg) Not Applicable

Solubility in Water: Insoluble **Vapor Density:** (Air = 1) Not Applicable

Specific Gravity: Not Applicable **Evaporation Rate:** Not Applicable

Melting Point: Not Applicable **Flash Point:** Non-Combustible

Flammable Limits: LEL: Not Applicable **UEL:** Not Applicable

Appearance and Odor: Odorless solid abrasive materials.

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None known.

Hazardous Decomposition Products: Dust from sanding could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being sanded or coatings applied to the base material.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: None expected under normal use conditions. Swallowing large pieces may cause obstruction of the gastrointestinal tract.

Inhalation: Dust may cause respiratory irritation.

Eye: Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

Skin: None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Sensitization: This material is not known to cause sensitization.

Chronic: Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. 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 sanded. Most of the dust generated during sanding is from the base material being sanded and the potential hazard from this exposure must be evaluated.

Medical Conditions Aggravated by Exposure: Employees with pre-existing respiratory disease may be at risk from exposure.

Acute Toxicity Values:

This product and its components are not acutely toxic.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product. No hazards to the environment are expected from this product. However, consideration must be given to potential environment effects of the base material being processed.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

ONU Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

GHS Hazard labeling symbols	None
GHS Hazard statements	None

UE Hazard labeling symbols	None
UE Hazard statements	None

USA OSHA labeling symbols	None
USA OSHA Hazard statements	None

CANADA WHIMIS labeling symbols	None
CANADA WHIMIS Hazard statements	None

16. OTHER INFORMATION

The preceding information is believed to be correct and current as of the date of preparation of this Safety Data Sheet. Since the use of this information and the conditions of use of this product are not within the control of Weldcote Abrasives, it is the user's obligation to assure safe use of this product.