

# Material Safety Data Sheet

## SECTION I

PRODUCT NAME OR NUMBER (AS IT APPEARS ON LABEL):

AM0003  
Silicon Carbide Abrasive Belt

MANUFACTURER: Alpha Resources, Inc.      TELEPHONE: 269-465-5559  
P.O. Box 199  
Stevensville, MI 49127

MANUFACTURER'S DUNNS NO. 08 383 8045

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD  
CLASSES, HAZARD ID NO:

Abrasive paper; N/A

CHEMICAL FAMILY: Vitrified bonded - abrasive products

FORMULA: N/A

## SECTION II - INGREDIENTS (LIST ALL INGREDIENTS)

CAS REGISTRY NO.	%W	%V	CHEMICAL NAMES	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) SPECIFY
409-21-2	<96	N/A	Silicon carbide	N
7704-34-9	> 1	N/A	Sulfur treatment	N

## SECTION III - PHYSICAL DATA

Boiling point: N/A      SPECIFIC GRAVITY = 2 - 4  
(WATER = 1)

% Volatile by volume: N/A

Vapor pressure: N/A

Percent solid(s) by weight % = N/A

Vapor density (air = 1): N/A

Evaporation rate: N/A

Solubility in water: slight pH N/A

Melting point: N/A

Material is Solid

Appearance and odor: looks like sandpaper

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A

Flammable limits: LEL: N/A

UEL: N/A

Extinguishing media: use water

Special fire fighting procedures: none

Unusual fire and explosion hazards: none

#### SECTION V HEALTH HAZARD DATA

Threshold Limit Value: 10 mg/m<sup>3</sup> total dust

Permissible exposure limit: 15 mg/m<sup>3</sup> total dust

Other limit: N/A

Effects of overexposure: Coughing, shortness of breath, chronic; may affect breathing capacity

Primary routes of entry: Inhalation

Emergency and first aid procedures: Remove to fresh air, artificial respiration as needed, obtain medical assistance

#### SECTION VI REACTIVITY DATA

Stability: stable

Conditions to avoid: Avoid acids with a pH of  $\leq 4.0$

Incompatibility: (material to avoid) Avoid acids with a pH of  $\leq 4.0$

Hazardous decomposition products: In use, dusts are generated. In most cases the airborne material removed from the workplace will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.

Hazardous polymerizations: Will not occur

Conditions to avoid: N/A

#### SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled: Normal clean up procedures

Waste disposal: standard landfill methods consistent with applicable federal state and local laws.

Comply with state, federal, and local regulations.

Reportable quantities in lbs.:

CERCLA N/A

SARA N/A

OTHER N/A

RCRA hazardous waste number(s): N/A

Volatile organic compounds (VOC) (as packaged minus water).

Theoretical (lbs/gal): N/A

Analytical (lbs/gal): N/A

#### SECTION VIII SPECIAL PROTECTION

Eye protection: Recommended see OSHA 29 CFR 1910.133

Skin protection: Gloves recommended

Respiratory protection: As needed. See OSHA 29CFR 1910.134

Ventilation Local Exhaust (specify rate): Recommended as needed

Special: If sanding is noisy, employ hearing protection - see OSHA 29 CFR 1910.95 (Hearing protection)

Requirements Mechanical (General) (Specify rate): Recommended as needed

Other: N/A

Other: N/A

#### SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing and/or other precautions:

N/A

#### SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or supplier of this product. Alpha Resources, Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

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