

SAFETY DATA SHEET

EMERGENCY CONTACT

1-800-255-3924

revision date JAN 2024



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SECTION 1: Identification

Product Identifier Silicon Carbide "C" weight Wet or Dry Paper, Sheets, Disc, Rolls, Plain Back or PSA back, ALL GRITS

Section 2: Hazard identification

2.1 Hazard classification Not classified as hazardous according to OSHA Communication Standard , 29 CFR 1910.1200.

2.2 Label Word Not applicable

Symbols
Not applicable

Pictograms
Not applicable

2.3 Hazard not otherwise classified
87% of mixture consists of ingredients of unknown acute oral toxicity.

Section 3: Composition/information on ingredients

<u>Ingredient</u>	<u>C.A.S. No</u>	<u>% By Wt</u>
Silicon Carbide Material	409-21-2	5 - 20
Cured Resin	Mixture	5 - 25
Paper Backing	None	70 - 90
PSA	Mixture	0-\ -- 5

Section 4: First aid measure

4.1 Description of first aid measure

Inhalation:
Remove person to fresh air. If you still feel unwell, get medical attention

Skin Contact:
Wash with soap and water . If signs/symptoms develop, get medical attention

Eye Contact:
Flush with large amount of water . (contact should not be worn). If signs/symptoms persist , get medical attention .

If swallowed :
No need for first aid

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Section 5: Fire-fighting measures

5.1 Suitable extinguishing media

In case of fire : Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish

5.2 Special hazard arising from the substance or mixture

None inherent in this product

Hazardous Decomposition or By-Products

Substance

Carbon monoxide
Carbon Dioxide

Condition

During Combustion
During Combustion

5.3 Special protection actions for fire fighters

No Special protective actions for fire fighters are anticipated .

Section 6: Accidental release measures

6.1 Personal precautions, protective and emergency procedures

Observe precautions from other sections.

6.2 Environmental precautions

Not applicable

6.3 Methods and material for containment and clean up

Not applicable

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid berating of dust created by sanding, grinding or machining.

7.2 Conditions for safe storage including any incompatibilities

No special storage requirements.

Section 8: Exposure controls/personal protection

8.1 Control parameters Occupational exposure limits

Ingredient	S.A.S. NO.	Agency	Limit type	Additional Comments
Silicon Carbide	409-21-2	ACGIH	TWA (as fiber):0.1 Fiber/cc: TL/VA (inhalable Fraction):10, mg/m ³ : TWA	A2 :Suspected human carcin
Silicon Carbide	409-21-2	OSHA	TWA (as total dust): 15 Mg/mg ³ ; TWA (respirable Fraction) ;5 mg\	

ACGIH : American Conference of Governmental Industrial Hygienists

OSHA : United States Department of Labor - Occupational Safety and Health Administration

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8.2 Exposure controls

8.2.1 Engineering controls

Provide appropriate local exhaust ventilation for sanding, grinding, or machining.
Use respiratory protection equipment.

8.2.2 Personal protective equipment Eye/ face protection

To minimize the risk of injury to face and eye , always wear eye and face protection. The following eye/face protection are recommended; **Safety Glass with side shields .**

Skin/ hand protection

Wear appropriate gloves

Respiratory protection

Consider material being abraded when determining the appropriate respiratory protection.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:	Solid
Odor, color, grade	Solid abrasive product
Odor threshold	Not Applicable
pH	Not Applicable
Melting point	Not Applicable
Boiling Point	Not Applicable
Flash point	Not Applicable
Evaporation rate	Not Applicable
Flammability (solid, gas)	Not Classified
Flammable limits (LEL)	Not Applicable
Flammable Limits (UEL)	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Specific gravity	Not Applicable
Solubility in water	Not Applicable
Solubility- non- Water	Not Applicable
Partition coefficient: n-octanol/water	Not Applicable
Auto ignition temperature	Not Applicable
Decomposition temperature	Not Applicable
Viscosity	Not Applicable

Section 10: Stability and reactivity

10.1 Reactivity

This material is consider to be non-reactive under normal use conditions.

10.2 Chemical stability

Stable.

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10.3 Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4 Conditions to avoid
None known

10.5 Incompatible materials
None known .

10.6 Hazardous decomposition products
Substance
None known

Section 11: Toxicological information

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Base on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Dust from grinding, sanding, or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

Mechanical skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Eye Contact:

Mechanical eye irritation: Sign/symptoms may include pain, redness, tearing and corneal abrasion.

Ingestion:

No health effect are expected.

Section 12: Other information

Store in a cool, dry place with temperature of between 45F to 85 degrees F and a relative humidity between 0% and 30%.

13. Disposal considerations

Recommendations:

Dispose of waste in certified landfill in accordance with local regulations and available facilities. Do not dispose of by incineration. National or regional controls relating to disposal may apply.

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14. Transport information

LAND TRANSPORT ADR/RID (CROSS BORDER) ADR/RID-GGCS/E CLASS:	Not applicable
NUMBER/LETTER:	Not applicable
MARITIME TRANSPORT IMDG IMDG CLASS:	Not applicable
UN NUMBER:	Not applicable
MARINE POLLUTANT:	Not a marine pollutant
AIR TRANSPORT ICAO-T & IATA-DGR ICAO/IATA CLASS:	Not applicable
UN/ID NUMBER:	Not applicable
COMMENT:	Not a dangerous cargo

15. Regulatory information

Designation according to EC guidelines:	This material is not subject to classification according to EC lists and other sources of literature known to us.
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16. Other information

The above information is based on our present knowledge and is taken from sources believed to be accurate at publication date, and shall not constitute a guarantee for any specific material features. Metlab makes no warranty with respect to the accuracy and assumes no liability to any user of the product described.