

CERAMIC EXTREME+ ABRASIVE SHEETS P180

PN: R1523

1. PRODUCT IDENTIFIER

CERAMIC EXTREME+ ABRASIVE SHEETS P180

1.1. Available Sizes:

No.	P.N.	Product name	Grit	Quantity	Width	Length
1	R1521	Ceramic Extreme+ Abrasive Sheets	P80	55 Sheets/Box	70mmx198mm	11m
2	R1522	Ceramic Extreme+ Abrasive Sheets	P120	55 Sheets/Box	70mmx198mm	11m
3	R1523	Ceramic Extreme+ Abrasive Sheets	P180	55 Sheets/Box	70mmx198mm	11m
4	R1524	Ceramic Extreme+ Abrasive Sheets	P240	55 Sheets/Box	70mmx198mm	11m
5	R1525	Ceramic Extreme+ Abrasive Sheets	P320	55 Sheets/Box	70mmx198mm	11m
6	R1526	Ceramic Extreme+ Abrasive Sheets	P400	55 Sheets/Box	70mmx198mm	11m

1.2. Relevant uses: Abrasive product for Automotive sector.

1.3. Details of the supplier of the safety data sheet

Company: RHINOMOTIVE LTD - UK 71-75 SHELTON STREET, LONDON, UNITED KINGDOM

Emergency Contact Number: +971 4 329 7775

Email: info@rhinomotive.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification: Not classified as hazardous pursuant to provisions in EC Regulation 1272-2008 (CLP)

GHS Label Elements: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	Percentage
Ceramic and Aluminum Oxide	1344-28-1	80%
Inorganic Fluoride	60304-36-1	5%
Epoxy resin	25085-99-8	5%
Silicon Carbide	409-21-2	5%
Fiberglass Mesh	65997-17-3	5%

While this material is not classified as hazardous under Federal OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.



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MATERIAL SAFETY DATA SHEET

4. FIRST-AID MEASURES

4.1. Description of first aid measures

Emergency Overview:

Potential Health Effects Inhalation:

Ingestion:

Skin Contact:

Eye Contact:

Effects of Chronic Exposure:

Medical Conditions Aggravated:

No hazards to incidental or prolonged exposure

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

Not expected to be a health hazard via ingestion.

Not expected to be a health hazard from skin exposure.

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

No information found.

No information found.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazard:

None

5.1 Extinguishing media Suitable extinguishing media

Extinguishing powder. Sand. Carbon dioxide (CO₂). Whatever surrounding fire requires.

5.2 Special hazards arising from the substance or mixture.

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

No additional information found.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Environmental Precautions: Dispose of following local, state, and federal disposal regulations.

Reference to other sections No data

7. HANDLING AND STORAGE

Handling:

Avoid eye contact. Avoid breathing dust created by cutting, sanding, grinding or machining. For industrial/occupational use only. Not for consumer sale or use. Damaged products can break apart during use and cause serious injury to the face or eyes. Check product for damage such as cracks or nicks prior to use. Replace it if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Sparks and particles flying from the product during sanding or grinding can cause injury and fire. Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

Storage: Store in a cool, dry location.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
Ceramic and Aluminum Oxide	1344-28-1	OSHA	TWA(as total dust):15 mg/m ³ ;TWA(respirable fraction):5 mg/m ³	
Silicon Carbide	409-21-2	OSHA	TWA(as total dust):15	
Inorganic Fluoride	60304-36-1	OSHA	TWA(as F):2.5 mg/m ³ ;TWA(as dust):2.5 mg/m ³	

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

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

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Provide appropriate local exhaust ventilation for cutting, grinding, sanding or machining. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. Ensure that dust- handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

8.3. Safety equipment

Eye/face protection:

To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Rhinomotive Safety Glasses R1303 with Particulate Dust Mask R1301 or Particulate Dust Mask with Valve R1302.

Skin/hand protection:

Wear Rhinomotive Versatile Cut Resistant Gloves R1306-R1308 to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

Respiratory protection:

Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Abrasive Fibre disc
Odour:	Slight Polymeric
Colour	Orange



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pH:	Not applicable
Melting Point / Freezing Point:	Not applicable
Boiling Point:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Relative Density:	Not applicable
Relative Steam Density	Not applicable
Solubility(ies):	Not applicable
Auto-Ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable

10. STABILITY AND REACTIVITY

Reactivity:
use conditions.

This material is considered to be non-reactive under normal

Stability:

Stable under recommended storage and handling conditions

Materials to Avoid:

Stable under recommended storage and handling conditions.

Conditions to Avoid:

None in particular.

11. TOXICOLOGICAL INFORMATION

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

Inhalation:

Dust from cutting, 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: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

No health effects are expected.

12. ECOLOGICAL INFORMATION

Eco-toxicity: No specific data is available for this product. Avoid littering.

Dispose of it within local, state, and federal guidelines.

Persistence and Degradability:

No information found.

Bio-accumulate Potential:

No information found.

Mobility in Soil:

No information found.

Other Adverse Effects:

No information found



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MATERIAL SAFETY DATA SHEET

13. DISPOSAL CONSIDERATIONS

No special handling required. Dispose of within local, state and federal guidelines.

14. TRANSPORTATION INFORMATION

Land transport (ADR/RID)

UN number: -

UN proper shipping name: -

Transport hazard class(es): -

Packing group: -

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

14.1. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.2. Special precautions for user

No information available.

15. REGULATORY INFORMATION

These transportation classifications are provided as customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. Rhinomotive transportation classifications are based on product formulation, packaging, Rhinomotive policies and Rhinomotive understanding of applicable current regulations. Rhinomotive does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original Rhinomotive package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

16. OTHER INFORMATION

The information is based on the present level of our knowledge. It does not, however, given assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

**PRO
SERIES**

**USE IT AND SEE
THE DIFFERENCE**



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