



PROVECTUS
— REDIVIVUS —

**MATERIAL SAFETY
DATA SHEET**

www.provectusredivivus.com



Product name: RUBBER GRANULES SILENT MAT

The information contained within this MSDS details health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user of this product should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact UAB "Provectus Redivivus", Vilnius, Lithuania.

Company UAB "Provectus Redivivus" makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. UAB "Provectus Redivivus" shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

NON-Hazardous Substance, NON-Dangerous Goods

1. Material and supply company identification

Product name:	Rubber granules silent mat.
Recommended use:	Acoustic underlay, bordering panels.
Supplier:	UAB "Provectus redivivus"
Street Address:	Biržiškų g. 19, Vilnius, Lithuania
Telephone:	+370 686 77773
Facsimile:	+370 523 85153
E- mail:	info@provectusredivivus.com

2. Hazards identification

No regulations apply in relation to classification of this type of product. Rubber Granules Silent Mat will burn when provided with enough heat and oxygen. Therefore do not expose the material to any flame, source of ignition or heat. Subject to reasonable care, and cleanliness there are no obvious problems associated with the handling.

3. Composition information

Recycled rubber granules are the major material resource of Rubber Granules Silent Mat acoustic underl. After the initial proces. the rubber granules are crushed and sieved and after devulcanized rubber granules are mixed with PU polymer and other materials. This process improves the product acoustic performance and other physical features. Then, they are pressed and shaped into different densities required under temperature and pressure in a specific mould.

4. First aid measures

Accidental ingestion of Rubber Granules Silent Mat (though non toxic) can cause obstruction and indigestion - seek medical advise. No Special Measures are needed for skin or eye contact.

In the case of fire, all people must leave the fire site and avoid inhaling the smoke. In case of fire, recycled rubber material will emit toxic smoke. So fire fighting is best left to professionals who are properly masked. If inadvertently inhaled, fresh air, water and possible artificial respiration (call a doctor immediately) are the recommended measures. If body skin is burned by molten splatter, cool burned parts with water, but do not remove splatter from skin. Seek medical help immediately.

UAB „Provectus redivivus“

Company number 305646647

VAT ID number LT100013568913

info@provectusredivivus.com; +37068677773

Registration adress: Biržiškų g. 19, Vilnius, LT-11111

Manufacturing adress: Aušros g. 77, Bartkuškis, Širvintų raj., LT-19159

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5. Fire Fighting Measures

Suitable Fire Extinguishing Mediums: Water Sprays, Foam Extinguishers, CO₂ Extinguishers & ABC Powder.

Proper protective glasses and dothing must be worn to prevent bum by the molten liquid splashing. Use respiratory / oxygen masks in enclosed areas. Avoid dense smoke and do not inhale the smoke gasses from combustion. The gasses are mostly carbon dioxide, carbon monoxide and water vapour. Due to the nature of this material being all recycled rubber, the exact composition of gasses cannot be determined exactly, but it certainly contains toxic fumes that are hazardou and debilitatin. Avoid inhalation.

6. Accidental Release Measures

Not applicable.

7. Handling and Storage

Rubber Granules Silent Mat is heavy and practice safe carrying methods. Though it is not toxic to handle, it is recommended that hands should be washed before handling of food. Provide reasonable distance between stacks as a safety precaution. Do not expose to any source of flame, ignition or heat.

8. Exposure Controls / Personal Protection

National occupational exposure limits: No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Lithuania).

9. Physical and Chemical Properties

Rubber Granules Silent Mat is a 5 - 100 mm thick sheet. composed of granulated and devulcanized recyded rubber, compressed and bonded with a polyurethane binder.

Odour:	Odour less in normal state;
Softening range:	> 100 to 170 degrees of C;
Auto-flammability:	> 300 degrees of C;
Thermal decomposition:	160- 180 degrees of C;
Explosive properties:	None;
Apparent Density:	550 to 950 kg/m ³ ;
Solubility in water:	Insoluble;
Organic Solvents:	Mostly insoluble, but dependant on solvent type;
Electrical Surface resistance:	> 1000 Ohms / mm ² .

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10. Stability and Reactivity

Avoid high temperature greater than 160 degrees of C for more than 10 minutes. Also avoid any contact with the strong oxidising chemicals.

11. Toxicological Information

Constitute no hazard in terms of normal handling and skin contact.

12. Ecological Information

Environmentally harmless:	Insoluble in water;
Degradable:	Insoluble in most solvents; Only by prolonged UV exposure.
Ozone layer depleting substance:	Rubber Granules Silent Mat is made from recycled rubber. The only component that is added to its manufacture is polyurethane polymers, which is produced within the EEC regulations 594/91, 3952/92, 93/C232/07.

13. Recycling & Disposal Considerations

- Re-use:** Remnant material may be used as packaging material, insulation material, filler and etc.
- Recycling:** Rubber Granules Silent Mat could be re-granulated and be reused as recycled rubber granules, either to be used in making pavers, tiles, bricks or into new sheets.
- Disposal:** When disposing of any waste, observe all applicable national and local regulations. Rubber Granules Silent Mat may be disposed of by:
- a) Landfill:** Rubber Granules Silent Mat is inert and does not degrade, it forms a permanent soil base and releases no gases or chemicals known to pollute water resources.
- b) Incineration:** Incineration with properly controlled municipal or industrial incineration systems. Rubber products such as Rubber Granules Silent Mat have high heat values and should only be incinerated in units designed to handle high combustion heat.

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14. Transportation

Road and Rail Transport Not classified as Dangerous Goods by the criteria of the Lithuanian Dangerous goods Code (LOG) for transport by Road and Rail.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDB) Code for the transport by sea.

Air Transport: Not classified as dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory Information

No regulations apply in relation to classification, packaging and identification, also applicable to health and environmental care.

16. Other information

Literary reference

This Material Safety Data Sheet has been prepared by UAB "Provectus Redivivus", Vilnius, Lithuania on behalf of its client.

Reason(s) For Issue: First Issue.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since UAB "Provectus redivivus" cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

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