

EC - Material Safety Data Sheet according to 91/155/EWG

Version: september 2002

1. Identification of substance:**Product details:**

Trade name: Gravillons EPDM
Manufacturer/Supplier: SICOMIN Composites
 RN 568 BP 23
 13 161 Châteauneuf-les-Martigues Cedex - France

Informing department: Development department

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2. Composition/Data on components:

Chemical characterization: rubber compound (basic material: Ethylene-Propylene-Diene-Rubber)

3. Hazards identification**Information pertaining to particular dangers for man and environment:**

skin irritations possible (sensible people)

4. First aid measures

General information: no special measures required

After inhalation: after inhalation of fumes, decomposition products or volatiles (during processing) supply fresh air

After skin contact: wash with many water and soap

After eye contact: rinse opened eye for several minutes under running water

After swallowing: in case of persistent symptoms consult doctor

5. Fire fighting measures

Suitable extinguishing agents: carbon dioxide (CO₂), extinguishing powder or water spray, larger fires with water spray or alcohol-resistant foam

For safety reasons unsuitable extinguishing agents: water with a full water jet

Special hazards: irritating gases

combustion products: carbon dioxide, carbon monoxide, nitrogen oxides and other toxic fumes

Additional information: normal arrangements for chemicals fires

6. Accidental release measures

Person-related safety precautions: ventilation

Measures for environmental protection: no special measures required

Measures for cleaning/collecting: collect mechanical, recycling better than deposition

7. Handling and storage**Handling:**

Information for safe handling: no special measures required

Information about protection against explosions and fires: protect against heat and ignition sources

Storage:

Requirements to be met by storerooms and containers: store cool and dry

Information about storage in one common storage facility: not together with foods

Storage class: 11 (VCI-concept)

8. Exposure controls and personal protection

Additional information about the creation technical constructions: satisfy ventilation

Components with critical values that require monitoring at the workplace:

CAS-Nr.	Substance	kind	value	unit
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Personal protective equipment:

General protective and hygienic measures: the usual precautionary measures should be adhered to in handling the chemicals

Breathing equipment: protective mask during dust emission

Protection of hands: protective gloves

Eye protection: safety glasses recommended

9. Physical and chemical properties:

Form: granulate

Colour: many

Smell: odourless or typical

Change in condition:	Value/Range	Unit	Method
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Melting point/Melting range:

n.a.

°C

Boiling point/Boiling range:

n.a.

°C

Flash point:

n.a.

°C

Inflammability (solid, gaseous):

n.a.

°C

Ignition temperature:

> 204

°C

Danger of explosion:

not explosive

Density:

1,560

g/cm³

DIN 53479

Solubility in/Miscibility with

Water(20°C):

unsoluble

pH-value

n.a.

Viscosity

n.a.

10. Stability and reactivity

Conditions to be avoided: fast increase of temperature (emission of toxic gases and steams)

Dangerous conditions: oxidizing agents

Dangerous products of decomposition: carbon monoxide, nitrogen oxides

11. Toxicological information

Primary irritant effect: skin irritations possible (sensible people)

12. Ecological information

General notes: when used and handled according to regulations, the product does not have any harmful effects generally not hazardous for water

13. Disposal considerations

Product:

Recommendation: recycle material if possible; combustion (according to local regulations)

Disposal number: 57202 (Germany)

14. Transport information

Transport/Additional information: not dangerous according to the above specification

15. Regulatory information

Designation according to EC guidelines: the material is not subject to classification according to EC lists and other sources of literature known to us

Classification according to VbF: n.a.

16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(n.a. - not applicable)

Department issuing data specification sheet: Development department

Contact: Jp GROS