

MATERIAL SAFETY DATA SHEET

Durastrip

(according to Regulation (EU) No. 1907/2006)

1. Chemical product and company identification.

Product Identification: Durastrip

Use of substance / preparation: Blasting material for the gentle surface treatment

Product Description: hardened urea moulding compound

Manufacturer:

Supplier: SIPAL GmbH & Co.KG
Diepke 2
58642 Iserlohn, Germany
Telefon: 0049 2374 937712
Telefax: 0049 2374 914774

2. Hazardous Identification

Classification of substance or mixture: does not fall under the REACH regulation

Marking: not applicable

Other risks: not applicable

3. Composition / information on ingredients

Substances: Urea formaldehyde resin, hardened, inert.

4. First aid measures

After inhalation: Supply with fresh air, in case of continuous troubles consult a doctor.

After eye contact: Mechanical irritation. Immediately rinse your eye(s) with plenty of warm, running water. Keep the eye(s) open in doing so. Consult an eye specialist.

After skin contact: Generally, this product is not irritating the skin.

After swallow: In case of continuous troubles consult a doctor.

Most important acute and delayed symptoms: Not known

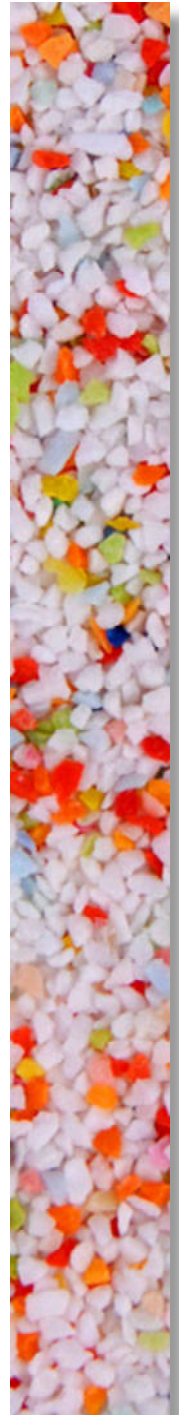
Indication of emergency aid or special treatment: In case of unconsciousness: alert the emergency doctor.

5. Fire-fighting measures

Hazardous combustion products: Smoke / Carbon dioxide (CO₂) / Carbon monoxide (CO)

Firefighting instructions: Firemen should wear adequate protective clothing and self-contained breathing apparatus with full face protection which will operate in overpressure mode.

extinguishing agents: Suitable extinguishing agents CO₂, fire-extinguishing powder or water



MATERIAL SAFETY DATA SHEET

DuraStrip

spray. Fight larger fire with water spray or alcohol-steady foam.

Unsuitable fire-extinguishing agents: Water jet.

6. Accidental release measures

No special measures required.

Personal precautions, protective equipment and procedures to be applied in case of emergency: Particularly danger of skidding due to the leaked / spilled out product.

Environmental precautions: No special measures required.

Methods and materials for retention and cleaning: Carefully wipe up mechanical (for example wipe up or absorb). Dispose spilled product.

reference to other sections: ote protective measures under 7, 8 and 13

7. Handling and storage

Handling: Protect from humidity / moisture. Avoid to create a lot of dust when emptying. Remove resulting dust by normal cleaning measures.

Storage: No special requirements at storage rooms and receptacles. Keep the receptacles closed if possible. Protect against humidity / store in a dry place.

8. Limitation and control of exposure / personal protective equipment

Limit values: None

Limitation and control of exposure / personal protective equipment

Recommended monitoring procedures: it is to refer to the European standard EN 689 for methods for determining inhalation exposure to chemical substances and on national guidelines for methods for the determination of hazardous substances.

Limitation and control of exposure: See sections 6 and 7

Hand protection: Not necessary.

Eye protection: Safety glasses with side shields.

Skin protection: Please wear skin covering work clothing. In case of strong dust load please wear dust protection jumpsuit.

Respiratory protection: Not necessary.

If you use a blasting cubicle provide good ventilation. Follow the instructions of system manufacturer.

Others: In case of inadvertent inhalation or swallow of larger quantities a doctor has to be visited.

9. Physical and chemical properties

Physical state: Granulates



MATERIAL SAFETY DATA SHEET

Durastrip

Colour: Multi- coloured

Odour: Typical plastic odour

Melting point: from 220°C

pH-value: 4 – 8 (at 250g/l H₂O) 20°C

Constitutional change: Natural refinement during by sharp edges breaking off. Automatic fine grain selection by cyclone and filter system.

Inflammation temperature: >500°C

Explosion limit (lower / upper): Not applicable.

Thermal decomposition: Approx. from 450°C

Solubility: insoluble in the following materials: cold water.

Density : ca. 1,47 – 1,52 g/cm³ (20°C)

Powder density : ca. 700 – 800kg/m³

Other specification: Innocuous. The dust originating is separated in the filter system.

10. Stability and reactivity

Reactivity: Not applicable

Chemical stability: Not applicable

Possibility of dangerous reactions: We do not know any dangerous reactions in case of appropriate storage and handling as well as in case of intended as agreed.

Conditions to be avoided: note sections 7 and 9

Dangerous decomposition products: Smoke / Carbon dioxide (CO₂) / Carbon monoxide (CO).

11. Toxicological information

With oral ingestion: Extremely small injurious character

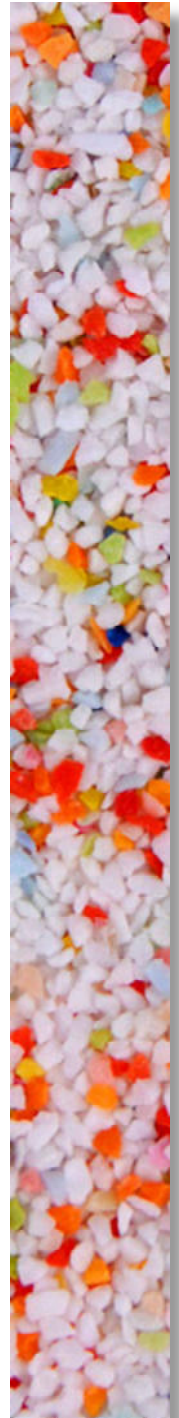
With absorption by the skin: Small injurious character

By inhalation: Small acute injurious character

Provoking the skin: Small

Provoking the eyes: Small

Chemical burn: not known



MATERIAL SAFETY DATA SHEET

Durastrip

Allergisation: No sensitizing effects known

Toxicity after repeated administration: not tested

Carcinogenicity: not tested

Mutagenicity, Salmonellae- / plasmosomes test: Do not mutagenic.

Do not contain any today known and indicated as harmful substances. Do not contain any crystalline silicon dioxide (quartz, cristobalite, tridymite) or similar pollutant compound.

Additional toxicological information: According to our experiences and the available information, this product does not cause any unhealthy effects in the case of appropriate handling and intended use.

12. Environmental information

Toxicity: Not known

Persistence and degradability: The material is inactive and biological degradable with difficulty.

Bioaccumulation potential: Not known

Mobility in soil: Not known

Results of PBT- and the vPvB assessment: Not known

Other harmful effects: According to our experiences and the available information, this product does not cause any ecological effects in the case of appropriate handling and intended use.

13. Information for the disposal

Procedures of wate treatment: Depending on the local, official and necessary technical regulations and the contamination by using, the used granulates has to be eliminated, if necessary, as hazardous waste..

Not cleaning packaging: Recommendation: Waste disposal in accordance with the local, official regulations.

14. Transport information

UN-number: not applicable

Proper UN shipping name: not applicable

Transport hazard class:

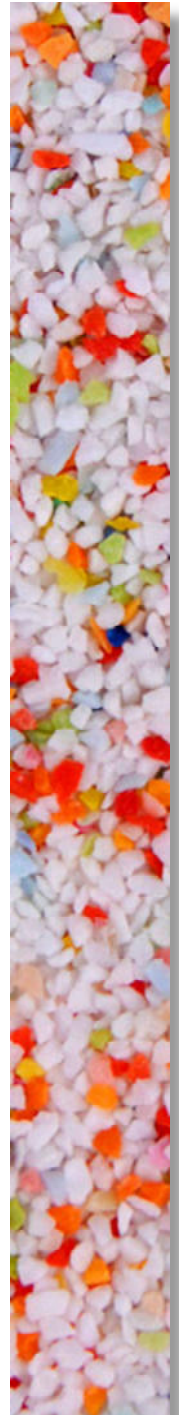
ADR / RID / GGVS / GGVE / AND / ADNR / IMDG / GGVsee / ICAO / IATA: not applicable

Packing group: not applicable

environmental perils, Label hazardous material:

ADR / RID / GGVS / GGVE / AND / ADNR: no

IMDG / GGVsee / ICAO / IATA: no



MATERIAL SAFETY DATA SHEET

Durastrip



Special precautions for the user: see sections 6 – 8

Further details: Is not subject of the transportation regulations.

15. Legislations

Regulations for Security, health- and environmental protection/specific legislations for the substance or the mixture

Labelling according to EU directives: There are no marking requirements for this product according to EU directives.

National regulations:

Water pollution class: Not water-endangering.

TA-air: Class III for powdery, inorganic emissions.

Other regulations, restrictions and prescriptions

Regulations for application are referred to the work pieces (material) and are referred to:

- Geometrical variations (topography) of surfaces from work pieces.
- Defined cleaning of surfaces.
- Optimization of the tribological pairing properties of processing materials.

Material safety evaluation: A material safety evaluation has not been done.

16. Other information

With the above details, which are corresponding with our today's knowledge and experience, we want to describe our product in view of any safety requirements and the safety precautions if need to be taken.

Above information are given without any warranty or representation.

The above details do not place any quality description or assurance of certain product characteristics in meaning of any laws and do not give reasons for any facts of the case. You have to follow the legal, local regulations and the customer specific necessities in your own responsibility.

